52L08SW0005 OM92-064 TREELINED LAKE

SUMMARY REPORT

on the

DIAMOND DRILL PROGRAM

December 31, 1991 to February 29, 1992

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT

Kenora Mining Division, Ontario

by

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Independent Exploration Services Ltd.

June 30, 1992

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CONCLUSIONS

1). A total of 74 diamond drill holes have been put down on conductive sulfide zones in this project that cover a strike length of approximately 20.0 kms. Highly anomalous Cu-Zn-Ag values (max. value of.66% Cu, .97% Zn and 9 gms/t Ag) are present with the semi-massive to massive sulfide mineralization.

2). Diamond drilling of HLEM conductors situated along the mafic-felsic volcanic contact intersected semi-massive to massive sulfide zones.

3). Most sulfide zones are multiple intersections, separated by several meters of barren-felsic or mafic volcanics. This repetition is at least in part due to folding.

4) Pyrrhotite is the dominant sulfide with pyrite locally forming up to 50% of the mineralization. Chalcopyrite and sphalerite are always along fracture and foliation surfaces. Graphite occurs with some of the mineralized units but the sulfide content is generally high enough to form conductive bodies without the graphite.

5). The silver content is variable from being less than 1.0 gm/t to about 10.0 gm/t. The higher values usually occur within the more massive, unsheared sulfide zones. The distribution of Ag with respect to Cu and Zn or sheared and unsheared sulfides units is not properly understood.

6). Sericite, sillimanite and minor cordierite form part of the alteration zones adjacent to many of the exhalite sulfide zones.

7). Diamond drilling of the chalcopyrite-sphalerite-arsenopyrite mineralization associated with cherty oxide Iron Formation on Grid H (Bridge Area) did not repeat the mineralization observed on surface exposures. The mineralization which lies along the gabbro-Iron Formation contact is disrupted by faults and fold structures developed during emplacement of the gabbro. The size potential of these mineralized zones appear to be limited.

8). Five core samples of felsic volcanics were analyzed for REE'S. The condrite plot is typical of the Type I pattern with La:Yb at 10-12. However, the Eu values are strongly depleted in all samples, the amphibolite grade metamorphism may render the REE values to be insignificant.

RECOMMENDATIONS

A detailed lithogeochemical study is being recommended. This would include W.R., trace element and REE analyses. The specific purpose of this would be to establish the nature of any alteration patterns and possible use of trace elements in providing sections for determining areas of higher grade Cu-Zn mineralization.

Re-evaluation of the program should be undertaken in the last quarter of 1991 to include the above lithogeochem data and mapping currently in progress by personnel of MNDR.

GENERAL INTRODUCTION AND SCOPE OF WORK REPORT

This report summarizes the diamond drill program conducted on behalf of Champion Bear Resources Ltd. during the period December, 1991 through February, 1992. During this period 59 drill holes were completed for a total footage of 21,030 feet.

TABLE I

SUMMARY OF DRILL DATA ON BORSURV FILES AT OneMan Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Collared on Claim	Footage	Claim No:	Footage
		METERS						FEET				
CB027	Grid B	1100.00	120.00	0.00	feet	-45.00	0.00	396.00	1086142	396		
CB028	Grid B	1300.00	130.00	0.00	feet	-45.00	0.00	396.00	1086143	396		
CB029	Grid B	1900.00	135.00	0.00	feet	-45.00	0.00	443.00	1086118	443		
CB030	Grid B	2000.00	145.00	0.00	feet	-45.00	0.00	326.00	1086118	326		
CB031	Grid B	2500.00	140.00	0.00	feet	-45.00	0.00	256.00	1105908	78	1086119	178
CB032	Grid B	700.00	125.00	0.00	feet	-45.00	0.00	596.00	1086141	596		
CB033	Grid B	400.00	90.00	0.00	feet	-45.00	0.00	296.00	1086140	296		
CB034	Grid A	900.00	112.00	0.00	feet	-45.00	0.00	246.00	1086130	246		
CB035	Grid A	800.00	200.00	0.00	feet	-45.00	180.00	306.00	1086125	306		
CB036	Grid A	700.00	200.00	0.00	feet	-45.00	180.00	396.00	1086125	396		
CB037	Grid A	200.00	62.00	0.00	feet	-45.00	0.00	321.00	1086124	321		
CB038	Grid H	592.00	-284.00	0.00	feet	-45.00	30.00	346.00	1160814	346		
CB039	Grid H	800.00	-475.00	0.00	feet	-45.00	0.00	636.00	1160816	509	1086097	127
CB040	Grid H	900.00	-550.00	0.00	feet	-45.00	0.00	386.00	1160816	386		
CB041	Grid H	875.00	-525.00	0.00	feet	-45.00	45.00	206.00	1160816	206		
CB042	Grid H	800.00	-325.00	0.00	feet	-45.00	180.00	296.00	1086097	177	1160816	119
CB043	Grid H	600.00	-50.00	0.00	feet	-45.00	130.00	236.00	1160814	236		
CB044	Grid H	975.00	0.00	0.00	feet	-45.00	340.00	566.00	1160811	566		
CB045	Grid C	3100.00	200.00	0.00	feet	-45.00	0.00	296.00	1086104	296		
CB046	Grid C	3512.00	400.00	0.00	feet	-45.00	0.00	176.00	1085259	176		
CB047	Grid C	2400.00	300.00	0.00	feet	-45.00	0.00	246.00	1086102	246		
CB048	Grid C	1900.00	285.00	0.00	feet	-45.00	0.00	376.00	1085333	57	1105900	319
CB049	Grid C	1000.00	277.00	0.00	feet	-45.00	0.00	256.00	1085335	256		
CB050	Grid C	700.00	240.00	0.00	feet	-45.00	0.00	276.00	1085336	276		

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SUMMARY OF DRILL DATA ON BORSURV FILES AT OneMan Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Collared on Claim	Footage	Claim No:	Footage
		METERS						FEET				
CB051	Grid C	300.00	225.00	0.00	feet	-45.00	0.00	546.00	1085337	546		
CB052	Grid C	200.00	150.00	0.00	feet	-45.00	0.00	526.00	1085337	526		
CB053	Grid C	800.00	225.00	0.00	feet	-45.00	0.00	296.00	1085336	296		
CB054	Grid C	900.00	232.00	0.00	feet	-45.00	0.00	266.00	1085335	266		
CB055	Grid J	1815.00	-10.00	0.00	feet	-45.00	0.00	506.00	1085345	506		
CB056	Grid J	2000.00	125.00	0.00	feet	-45.00	0.00	506.00	1085344	460	1085339	46
CB057	Grid J	2400.00	10.00	0.00	feet	-45.00	0.00	436.00	1160809	436		
CB115	Grid Ext	8500.00	150.00	0.00	feet	-45.00	0.00	229.00	1105587	85	1105588	144
CB116	Grid Ext	8550.00	130.00	0.00	feet	-45.00	0.00	304.00	1105587	184	1105588	120
CB117	Grid Ext	8400.00	175.00	0.00	feet	-45.00	0.00	242.00	1105591	242		
CB118	Grid Ext	8000.00	212.00	0.00	feet	-45.00	0.00	196.00	1105591	196		
CB119	Grid Ext	7800.00	226.00	0.00	feet	-45.00	0.00	226.00	1105592	226		
CB120	Grid Ext	8005.00	-408.00	0.00	feet	-45.00	0.00	456.00	1105590	456		
CB121	Grid Ext	9200.00	645.00	0.00	feet	-45.00	30.00	306.00	1069477	306		
CB122	Grid Ext	9100.00	1012.00	0.00	feet	-45.00	0.00	426.00	1069478	426		
CB123	Grid D	1400.00	-162.00	0.00	feet	-45.00	0.00	446.00	1085382	446		
CB124	Grid D	2000.00	175.00	0.00	feet	-45.00	0.00	556.00	1160708	556		
CB125	DML	7000.00	515.00	0.00	feet	-45.00	180.00	236.00	1085125	236		
CB126	DML	6500.00	500.00	0.00	feet	-45.00	180.00	256.00	1085125	256		
CB127	Grid I	5000.00	150.00	0.00	feet	-45.00	0.00	276.00	1058581	276		
CB128	Grid I	4900.00	135.00	0.00	feet	-45.00	0.00	206.00	1058581	70	1085265	136
CB129	Grid I	5200.00	190.00	0.00	feet	-45.00	0.00	216.00	1085269	216		
CB130	Grid I	5200.00	-35.00	0.00	feet	-45.00	0.00	506.00	1058581	506		
CB131	Grid I	5500.00	0.00	0.00	feet	-45.00	0.00	486.00	1058582	382	1085270	104

TABLE I

SUMMARY OF DRILL DATA ON BORSURV FILES AT OneMan Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Collared on Claim	Footage	Claim No:	Footage
		METERS			FEET							
CB132	Grid I	5000.00	-185.00	0.00	feet	-45.00	0.00	206.00	1058581	206		
CB133	Grid I	4600.00	-5.00	0.00	feet	-45.00	0.00	206.00	1085265	206		
CB134	Grid I	4400.00	140.00	0.00	feet	-45.00	0.00	226.00	1085261	226		
CB135	Grid I	4300.00	182.00	0.00	feet	-45.00	0.00	296.00	1085262	296		
CB136	Grid I	3900.00	-600.00	0.00	feet	-45.00	0.00	296.00	1085263	296		
CB137	Grid I	6800.00	-65.00	0.00	feet	-45.00	0.00	526.00	1058590	526		
CB138	Grid I	6900.00	-210.00	0.00	feet	-45.00	0.00	282.00	1058591	282		
CB139	Grid I	8000.00	-320.00	0.00	feet	-45.00	0.00	507.00	1058596	507		
CB140	Grid Est	8500.00	100.00	0.00	feet	-45.00	45.00	676.00	1105587	460	1105588	216
CB141	Grid Est	8500.00	100.00	0.00	feet	-45.00	0.00	586.00	1105587	311	1105588	275
CB142	Grid Est	7900.00	-245.00	0.00	feet	-45.00	180.00	296.00	1105593	296		

Total Holes: 59 Total depth: 21030.00 Total assays: 1972

TABLE II

SUMMARY OF DRILL DATA ON BORSURV FILES AT OneMan Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Zones Total	Named	Elements
		METERS						FEET						
CR027	Grid B	1100.00	120.00	0.00	feet	-45.00	0.00	396.00	0	22	35	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR028	Grid B	1300.00	130.00	0.00	feet	-45.00	0.00	396.00	0	26	50	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR029	Grid B	1900.00	135.00	0.00	feet	-45.00	0.00	443.00	0	26	30	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR030	Grid B	2000.00	145.00	0.00	feet	-45.00	0.00	326.00	0	24	27	4	4	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR031	Grid B	2500.00	140.00	0.00	feet	-45.00	0.00	256.00	0	13	20	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR032	Grid B	700.00	125.00	0.00	feet	-45.00	0.00	596.00	0	21	40	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR033	Grid B	400.00	90.00	0.00	feet	-45.00	0.00	296.00	0	16	46	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR034	Grid A	900.00	112.00	0.00	feet	-45.00	0.00	246.00	0	13	17	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR035	Grid A	800.00	200.00	0.00	feet	-45.00	180.00	306.00	0	14	61	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR036	Grid A	700.00	200.00	0.00	feet	-45.00	180.00	396.00	0	14	41	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR037	Grid A	200.00	62.00	0.00	feet	-45.00	0.00	321.00	0	18	31	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR038	Grid H	592.00	-284.00	0.00	feet	-45.00	30.00	346.00	0	4	34	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR039	Grid H	800.00	-475.00	0.00	feet	-45.00	0.00	636.00	0	11	63	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR040	Grid H	900.00	-550.00	0.00	feet	-45.00	0.00	386.00	0	4	21	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR041	Grid H	875.00	-525.00	0.00	feet	-45.00	45.00	206.00	0	6	43	3	3	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR042	Grid H	800.00	-325.00	0.00	feet	-45.00	180.00	296.00	0	6	45	6	6	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR043	Grid H	600.00	-50.00	0.00	feet	-45.00	130.00	236.00	0	5	24	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR044	Grid H	975.00	0.00	0.00	feet	-45.00	340.00	566.00	0	14	25	1	1	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CR045	Grid C	3100.00	200.00	0.00	feet	-45.00	0.00	296.00	0	9	29	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR046	Grid C	3512.00	400.00	0.00	feet	-45.00	0.00	176.00	0	10	20	3	3	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR047	Grid C	2400.00	360.00	0.00	feet	-45.00	0.00	246.00	0	19	17	1	1	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR048	Grid C	1900.00	285.00	0.00	feet	-45.00	0.00	376.00	0	13	23	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR049	Grid C	1000.00	277.00	0.00	feet	-45.00	0.00	256.00	0	11	19	3	3	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CR050	Grid C	700.00	240.00	0.00	feet	-45.00	0.00	276.00	0	19	27	4	4	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))

TABLE II

SUMMARY OF DRILL DATA ON BORSURV FILES AT OneMan Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Zones Total	Named	Elements
		METERS						FEET						
CB051	Grid C	300.00	225.00	0.00	feet	-45.00	0.00	546.00	0	16	36	5	5	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB052	Grid C	200.00	150.00	0.00	feet	-45.00	0.00	526.00	0	20	38	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB053	Grid C	800.00	225.00	0.00	feet	-45.00	0.00	296.00	0	12	18	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB054	Grid C	900.00	232.00	0.00	feet	-45.00	0.00	266.00	0	12	32	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB055	Grid J	1815.00	-10.00	0.00	feet	-45.00	0.00	506.00	0	10	42	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB056	Grid J	2000.00	125.00	0.00	feet	-45.00	0.00	506.00	0	19	23	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB057	Grid J	2400.00	10.00	0.00	feet	-45.00	0.00	436.00	0	16	25	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB115	Grid Ext	8500.00	150.00	0.00	feet	-45.00	0.00	229.00	0	11	42	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB116	Grid Ext	8550.00	130.00	0.00	feet	-45.00	0.00	304.00	0	10	87	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB117	Grid Ext	8400.00	175.00	0.00	feet	-45.00	0.00	242.00	0	13	15	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB118	Grid Ext	8000.00	212.00	0.00	feet	-45.00	0.00	196.00	0	11	11	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB119	Grid Ext	7800.00	226.00	0.00	feet	-45.00	0.00	226.00	0	16	8	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB120	Grid Ext	8005.00	-408.00	0.00	feet	-45.00	0.00	456.00	0	21	136	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm), Au(ppb))
CB121	Grid Ext	9200.00	645.00	0.00	feet	-45.00	30.00	306.00	0	10	38	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB122	Grid Ext	9100.00	1012.00	0.00	feet	-45.00	0.00	426.00	0	5	18	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB123	Grid B	1400.00	-162.00	0.00	feet	-45.00	0.00	446.00	0	10	82	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB124	Grid B	2000.00	175.00	0.00	feet	-45.00	0.00	556.00	0	8	40	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB125	OML	7000.00	515.00	0.00	feet	-45.00	180.00	236.00	0	10	27	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB126	OML	6900.00	500.00	0.00	feet	-45.00	180.00	256.00	0	21	21	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB127	Grid I	5000.00	150.00	0.00	feet	-45.00	0.00	276.00	0	7	22	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB128	Grid I	4900.00	135.00	0.00	feet	-45.00	0.00	206.00	0	7	17	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB129	Grid I	5200.00	190.00	0.00	feet	-45.00	0.00	216.00	0	5	12	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB130	Grid I	5200.00	-35.00	0.00	feet	-45.00	0.00	506.00	0	23	37	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))
CB131	Grid I	5500.00	0.00	0.00	feet	-45.00	0.00	486.00	0	15	40	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(I), As(ppm))

TABLE II

SUMMARY OF DRILL DATA ON BORSURV FILES AT OneMan Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Zones Total	Named	Elements
		METERS			FEET									
CB132	Grid I	5000.00	-185.00	0.00	feet	-45.00	0.00	206.00	0	9	23	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB133	Grid I	4600.00	-5.00	0.00	feet	-45.00	0.00	206.00	0	15	22	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB134	Grid I	4400.00	140.00	0.00	feet	-45.00	0.00	226.00	0	4	7	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB135	Grid I	4300.00	182.00	0.00	feet	-45.00	0.00	296.00	0	8	13	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB136	Grid I	3900.00	-600.00	0.00	feet	-45.00	0.00	296.00	0	12	26	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB137	Grid I	6800.00	-65.00	0.00	feet	-45.00	0.00	526.00	0	24	59	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm0, Mn(ppm), Fe(%), As(ppm))
CB138	Grid I	6900.00	-210.00	0.00	feet	-45.00	0.00	282.00	0	14	37	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB139	Grid I	8000.00	-320.00	0.00	feet	-45.00	0.00	507.00	0	27	31	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB140	Grid Ext	8500.00	100.00	0.00	feet	-45.00	45.00	676.00	0	24	24	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB141	Grid Ext	8500.00	100.00	0.00	feet	-45.00	0.00	586.00	0	23	13	0	0	B(Sample, Cu(ppm), Pb(ppc), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB142	Grid Ext	7900.00	-245.00	0.00	feet	-45.00	180.00	296.00	0	11	62	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))

Total Holes: 59 Total depth: 21030.00 Total assays: 1972

INTRODUCTION

During the period of December 1991 through February, 1992, 59 diamond drill holes were completed for a total footage of 20,030 feet. These holes tested a variety of geophysical anomalies in several different geological settings

Diamond drilling was conducted on Grids A, B, C, D, I, J and Grid Ext.

PROPERTY OWNERSHIP, LOCATION AND ACCESS

The claims covered by this survey are 100% owned or recorded as held under option agreements in the name of Champion Bear Resources Ltd. of 3805 - 7A Street S.W.; Calgary, Alberta; T2T 2Y8.

The property is located approximately 60 km due north of the town of Kenora, Ontario. The claims form a contiguous group with the exception of the Grid G area which is an isolated 10-claim group.

Access to the area is via a network of logging roads; the main access route is known as the English River Road and is maintained year round. The west part of

the property is accessible via the Snook Lake Road, which connects with the Sand Lake Road and then with the English River Road, about 7.0 km south of the Separation Narrows Bridge.

Oneman Lake, Separation Lake and the English River provide for excellent access via this route to much of the area.

PHYSIOGRAPHY AND VEGETATION

The topography in the area is modestly rugged with local relief varying from a few meters to about 75 meters.

Glacial and lacustrine deposits mantle about 70% to 80% of the area. Areas of mechanical stripping and logging road construction show that the low lying areas are filled in mostly by clay deposits. A mixed coarse gravel till covers this and much of the bedrock.

Standing timbers in this area are mostly mature and the spruce and jackpine are actively being harvested.

A severe windstorm in mid July destroyed much of the standing timber in this area and largely obliterated the established grid lines.

REGIONAL GEOLOGY

The property is located within the English River Subprovince in the Superior Province of the Canadian Shield. The supracrustal rocks are part of the eastern extension of the Bird River Metavolcanic Belt in Manitoba.

Large granitic batholiths intrude these supracrustals to the north and to the south. Smaller intrusive bodies also occur within the metavolcanic metasedimentary sequences.

Regional metamorphism of the volcanic-sedimentary and early intrusive rocks is at amphibolite grade. Primary features such as bedding, flow structures and pyroclastic textures are locally preserved but are of little help in determining stratigraphic facing direction or the true origin of many of the lithologies.

One major anticlinal fold structure occurs in the area west of Separation Lake where iron formations within basalt flows define the structure. To the west, a large open Z-type fold is observed; the north fold being somewhat more open (Grid E area) than the closure on the south limb (Grid Extension area). Numerous

small fold structures occur throughout the area. The amplitude varies from centimeters to the order of 50 meters and are isoclinal in form.

LOCAL GEOLOGY

Field mapping was carried out using the grid lines for control. This was supplemented by some reconnaissance mapping outside of the grid area.

The mapping was largely on a lithological basis as primary diagnostic features have been largely lost through deformation and amphibolite grade metamorphism. The lithological legend is set out in table form on the following page. A brief description of the units follows along with the variations and on interpretive comment as to the primal source of each unit. A further description is provided on a Grid-basis but this section will deal primarily with the relationship of lithologies and particular, the nature and relationships of sulfide mineralization.

TABLE OF LITHOLGIES

MAFIC AND ULTRAMAFIC INTRUSIVES

5 Unsubdivided

5a Gabbro

5b Porphyritic gabbro

5c Diorite, quartz diorite

5d Amphibolite (possibly mafic volcanics)

5e Ultramafic

CHEMICAL SEDIMENTS

4 Undifferentiated

4a Chert

4b Sulfide facies

4c Oxide facies

4d Silicate facies

CLASTIC SEDIMENTS

3 Unsubdivided

3c Conglomerate

3d Argillite, slate, siltstone

3e Greywacke

3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS

2 Unsubdivided

2a Dacite to rhyolite - foliated

2b Tuff to lapilli tuff

2c Breccia, tuff-breccia

2d Quartz and feldspar phyric units

2f Clotted (Bio + gar+ sill) rhyolite
or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS

1 Unsubdivided

1a Massive to foliated flows

1b Pillowed flows

1c Amygdaloidal flows

1d Porphyritic flows - plag. phyric

1f Tectonized, banded flows and tuffs

1h Coarse grained flows and intrusions

1j Migmatized mafic flows

1k Garnetiferous

DESCRIPTION OF LITHOLOGIES

Intermediate to Mafic Metavolcanics

Massive and pillowed flows are dominant. They are typically fine grained with a distinct penetrative foliation. Pillow forms are usually highly flattened making top determinations unreliable. The least deformed mafic volcanics occur in the area south of Grid A and also between Grid C east and the Separation Narrows Bridge. The mafic volcanics mapped on Grids E, F and G are essentially massive to banded amphibolite.

Some of the coarser grained massive flows may be early gabbroic intrusions. These and the fine grained flows maybe aphyric but plagioclase phyric and hornblende phyric phases are present, particularly in the vicinity of Separation Lake.

A significant component of this category is an amphibole plagioclase banded lithology (Unit IF) that was originally mapped as intermediate tuff.

Hornblende-rich bands with minor plagioclase alternate with plagioclase-rich bands and lenses. These more feldspathic layers and lenses are generally rimmed by

a thin band of black amphibolite. Epidotized pods and lenses also occur within this unit but the discontinuity appears to be the result of boudinaging.

Good exposures in the vicinity of Grid C and the area bounded to the south shows some evidence that this particular unit (IF) is the result of tectonization of pillowed and massive flows. Pillow structures get progressively flattened as one traverses the mafics from south to north, approaching the contact with the felsic volcanics. Brecciation, sericitization and the development of coarser, black amphibole bands become more prominent. Epidotized cores within and in intrapillow positions become attenuated and boudinaged.

The main development of this unit (IF) is along the contact with the felsic volcanics where it attains widths of up to 200 meters. Further to the south, well within the main mafic metavolcanic sequence, this particular lithology can be observed but is more limited in width from about 1 to 25 meters. The origin of these is uncertain and one has a tendency to place all banded mafic-intermediate lithologies within this "tectonized" suite but some may actually be volcaniclastic in origin.

Garnetiferous phases are common with pink garnet forming less than 1% of the units to garnetite associated with oxide and silicate I.F. These garnets are part of the regional metamorphic grade but some of the units with a much higher component of garnet (5-15%) maybe part of a hydro thermal alteration system.

Felsic to Intermediate Metavolcanics

Rocks in this category occur mainly as a continuous unit lying immediately to the north of the main mafic metavolcanics sequence. The nature of this contact is not easily defined but often there is a repetition of an alternating sequence of mafic-felsic-mafic-felsic. This appears in part to be the result of isoclinal folding but in some areas it may just be a normal interbedded sequence.

For the most part the rocks in this category are foliated and devoid of primary features. A foliation parallel bonding in the rocks may actually be tectonic, similar to the development of the IF unit.

Coarse breccias are locally present and are most prevalent in the area of Grid A and east. Some quartz phyric phases are also present, but most outcrops

display only feldspar phyric phases. Biotite and minor amphibole are the dominant mafic components but seldom constitute more than 15% of the lithologies. Minor garnet is also present as is muscovite. The muscovite occurs as rounded aggregates up to 2 mm in diameter and locally forms 5 to 10% of the unit. They appear to be poikiloblastic and may represent retrograded cordierite or andalusite. These are almost always maximal in silicified sections that host sulfide mineralizations. Sillimanite is also a common constituent of felsics adjacent to the sulfide zones.

A foliated to laminated felsic unit with 1-10 mm aggregates of biotite/garnet/sillimanite was first observed on Grid G (Unit 2F). This unit was later found to be intrusive in origin and was also identified on Grid F and E.

The laminations within this unit appear to be largely tectonically derived (ie. magnetization). The garnet-biotite knots also show a preferred alignment to this layering. Inclusions of the same lithology are found on a lake shore on Grid G. The inclusions are defined by the presence of 5-10 cm rim of plagioclase + epidotite.

Unit 2F may represent a subvolcanic intrusion. Unfortunately, the metamorphic grade along this NW trend (Grid E, F and G) is somewhat higher than along the main Belt and primary features and relationships between lithologies are largely lost.

Clastic Metasediments

A thin unit of conglomerate separates the felsic metavolcanics from the gneissic sequences in the vicinity of Grid C and the area extending east for approximately 5 m. The clasts are derived predominantly from chert-oxide I.F. and vary up to 30 cm in diameter, the ratio of deformation being approximately 1:15 to 1:3. The matrix is comprised mainly of amphibole with minor quartz + plagioclase + garnet.

Minor volcaniclastic units within the mafic volcanics have the appearance of sediments. However, much of the layering can attribute to a combination of tectonism and metamorphism and these have been mapped with unit IF.

Chemical Metasediments

These units are extensively developed in the area and are predominant within the mafic volcanics but are also formed within the felsics.

Chert-oxide, chert-silicate and silicate I.F. units vary from less than one meter in thickness to about 25-30 meters. Several of these members have been previously examined in the vicinity of Separation Lake for their economic potential as a source of iron.

All of these units exhibit various fold features from cm scale to a broad open fold in the vicinity of Separation Lake.

Chert-magnetic interbedded with quartz + grunerite + garnet are predominant within the lower mafic volcanic sequences such as the area immediately north of the Separation Narrows Bridge. Sulfides, predominantly pyrrhotite but also pyrite, arsenopyrite, chalcopyrite and sphalerite occur within these units but appear to be associated with later periods of mineralization that is structurally controlled, either by folding or faulting. These later sulfides show little continuity along strike of the exhalite units.

A number of formations occurs midway along the mafic stratigraphy, extending east and west from the intersection of the Umfreville Road and the English River Road just south of Grid C and L30E. About 3 or 4 separate formations occur along this trend. Often being split by gabbro intrusions. These units are dominated by chert-magnetite but minor pyrrhotite is present with massive pyrrhotite being exposed in trenches. The more northerly bands appear to be more sulfide rich than the south units. Minor chalcopyrite and sphalerite are also present in the more northerly formations.

A number of these chert-magnetite ± garnet ± pyrrhotite occur upwards in the mafic stratigraphy and below the felsic volcanics. Sulfides become more prevalent as this contact is approached and are generally associated with silicic, felsic formations. Massive pyrite or pyrrhotite are locally observed in trenches or drill core but most occur within well foliated felsic lithologies. The sulfides themselves are largely remobilized into an anastomosing fabric. Sphalerite and chalcopyrite are most commonly associated with this tectonized unit. When present with massive sulfides, they are always found to lie along fracture planes.

Exhalite units within the felsic volcanics are almost always associated with extensive zones of silicification and alumina-silicate mineral assemblages. The pyrrhotite is almost always granular in appearance and having been mineralized through tectonism and metamorphism. Sphalerite is locally present as is chalcopyrite but always occurs as later cross-cutting vienlets as along fracture planes.

Mafic and Ultramafic Intrusives

The various intrusive units from this suite occur throughout the mafic volcanic sequence. They are readily identified when they intrude the exhalite formations but are more difficult to map out as separate lithologies with the coarser phases of massive mafic volcanic flows.

The more extensive gabbroic bodies are present in the area of Separation Lake and west towards the area lying immediately south of Grid C. These are coarse grained equigranular to hornblende phyric intrusives and commonly exhibit a weak foliation.

Felsic to Intermediate Gneissic Rocks

Gneissic rocks occur extensively in the north part of the area. They are in contact with mafic metavolcanics, felsic metavolcanics and conglomerates. The contacts are relatively sharp except with the felsics where the contacts are more gradational.

Biotite gneiss is most common and leucocratic bands alternate is more biotite rich (10-30%) bands. Locally, homogenous units bearing 20-40% biotite are present.

The leucogneiss is a siliceous unit which maybe a felsic volcanic in origin. Biotite generally forms less than 10% of the rock, only often less than 5%.

Garnet, 1% - 2%, is present in most gneissic rocks, forming 1-2. Sillimanite, cordierite and andalusite are common constituents within the leucogneiss, particularly in the vicinity of sulfide mineralization.

Much of gneissic terrain has been invaded by a number of intrusion classified with unit 7. Magmatization is common and where the gneissic component is dominant, these have been mapped within this formation (Unit 60).

Felsic to Intermediate Intrusives

Intrusive units within this category from most of the large batholiths as well as intrude into the Greenstone Belt. They are extremely variable and time did not permit subdivision of these units, nor were they studied in any detail.

Several ages of intrusions occur as they vary from massive to well foliated. On a regional scale, the emplacement controls the major fold structures within the volcanic sedimentary sequence. On a local scale they tend to disrupt the continuity of sulfide zones, which are the focus of exploration in this program.

DESCRIPTION OF AREAS

Grid Extension

a). Geology

Detailed mapping was carried out over most of this Grid between L70E and L94E. The main felsic-mafic contact extends along the 3N BL towards L90E where it abruptly turns to a SE direction, towards Grid A.

Mafic volcanic sequences predominate in the south half of the grid. Pillowed structures can be recognized over much of this section. Massive flows are also recognizable but a medium grained amphibolite unit with weak penetrative foliation maybe intrusive, either synvolcanic or early in the tectonic history. Because contacts are difficult to discover, they have been included with the mafic volcanic sequence. The banded intermediate-mafic unit (2F) occurs throughout this stratigraphy but more so near the contact with the felsics and at approximately 3 to 5 S in association with a felsic tuff horizon, exhalites and garnetiferous mafic volcanics.

A band of felsic tuff (qtz + fs + bio + gar $\pm$ sillimanite) extends from 2S, L75E to 4S on L82E. It is associated with a highly garnetiferous amphibolite,

chert + magnetite, chert + sulfide and the IF unit. This package of strata is approximately 300 m thick in the vicinity of L75 and L76 E where it is split into two portions by a unit of flattened pillows of about 50 m in thickness. This sequence gradually merges into one towards the east.

A thin unit of chert IF and felsic tuff is found on L81 and L82 E at 1+40S. This too is found within a sequence of garnet-bearing mafic volcanics.

The contact of mafic-felsics along the 3N BL is an intercalated one with bands of felsic tuff alternating with massive or banded mafic volcanics. It is uncertain if this alternating sequence is structural or primary. Felsic metavolcanics and gneisses, often highly migmatized, occur in the area to the north of the 3N BL. Remanents of mafic volcanics occur at the north limit of L75-80E. These are essentially amphibolite with no recognizable primary features.

The felsic volcanics are highly granetized. They vary from strongly layered to massive. Much of the layering appears to be primary. Extensive silicified sections occur. These are often weakly gossaned or stained reddish due to minor pyrite and pyrrhotite.

The sequence east of L80E show an alternating felsic-gneiss stratigraphy. This repetition is likely due to folding. The felsic ban on L92E, 10N shows a sillimanite-bearing unit to the south of the sulfide zone. This sequence is reversed on the L92E, 7N where the sillimanite-bearing unit occurs to the north of the sulfide zone.

b). Mineralization

Pyrrhotite is the dominant sulfide and it occurs as massive exhalite, disseminated through shear-metamorphism remobilization or as sulfidatization of chert-oxide exhalite formations.

Mineralization found within the silicified felsic band at about 10N between L83E and L93E comprises of massive pyrrhotite pyrite and minor graphite. Values in the trench on L93E contained up to 0.12% Zn, 236 ppm Cu and 4.1 gms Ag.

The band of felsics extending from (+50N at 82E to 6N at L93E is gossaned over a width of 25 to 50 m. A strong conductor is associated with this band but only disseminated pyrrhotite was observed. Strong sericite sillimanite alteration occurs along the north side of this gossan.

A 20 meter wide gossan in the vicinity of L83E, 6N was stripped and trenched. Semi-massive pyrrhotite occurs over a width of 5-6 meters. It has a coarse granular appearance and is generally barren of base metals. Several late cross-factures are veined with massive pyrrhotite-sphalerite.

Similar mineralization occurs at 91E, 5N and in a gossaned section extending from L76E, 7+50N to L78E, 9+00N.

Mineralization occurring along the 3N BL comprises of massive to semi-massive pyrrhotite and pyrite intercalation with sericite schist and banded amphibolite (IF). The mineralization is up to 4-5 meters in width and this part of the stratigraphy is highly injected by granodiorite dikes.

The mineralization can be traced from about L75E, 3N to L85+50E and 2N. Here, it is intruded by a cross-cutting body of granodiorite. A south-east trending conductor-felsic unit a L88 -1N is likely the continuation of this horizon. It is highly anomalous in Cu-Zn and Ag. Maximum values from trench samples along this trend are 0.66% Zn, 0.15% Cu and silver values are up to 9.7 gms. These appear to be a correlation between high silver value and base metals.

The best values are generally associated with sulfides remobilized along foliations rather than with primary massive pyrrhotite.

Weak sulfide mineralization in a trench at L91E, 3+50N is associated with a thin banded amphibolite. Arsenopyrite is also found here. Values of 100 ppb Au, 1.3 gms Ag, 600 ppm Zn and 180 ppm Cu were obtained from trench samples.

The exhalite-tuff sequence within the mafic volcanics at about 4S on L82E lies mostly under a swamp area. One section of this feature was tested by a diamond drill hole on L76E and 2S and several trenches were put down on this horizon to the east of L82E. The mineralization varies form chert-magnetite + pyrrhotite to massive and semi-massive pyrrhotite. Base metal values in sampled locals are low with elevated As to 3200 ppm. The presence of garnet + sillimanite within the felsic tuff component and the extensive development of garnet to the south, possibly expressing a relic alteration zone, make this an attractive base metal target.

GRID A

a). Geology

This grid was established to recover airborne conductors situated along the main felsic-mafic volcanic contact. The south part of the grid is underlain by mafic volcanics intruded by a granodiorite stock. The mafic volcanics comprise predominantly of massive and pillowed flows. Highly garnetiferous volcaniclastics occur along the extreme south part of the grid.

A thin unit of felsic tuff extends from L1E, 1N to L8E, 0+75N. Some pyrite occurs within this unit near the west but the east end of this unit consists of minor chert-magnetite.

The felsic volcanics along the north part of the grid are predominantly feldspar phyric tuffs with minor breccias and quartz phyric units.

b). Mineralization

Stripping and trenching were carried out between 5+50E and 8+50E. Silicified, pyrrhotite-pyrite bearing felsic tuffs are intercalated or interfolded with narrow mafic bands. Values of up to 1% Zn, 0.6% Cu and 3.1 gms Ag were obtained from trench samples.

A piece of arsenopyrite-bearing float was found near the trenching at 8+25E but the source of this material was not found.

GRID B

a). Geology

The geology of this grid is very similar to that of Grid A. The felsic-mafic contact is again expressed as a repetition of alternating units, possibly through isoclinal folding or low angle faults. The mafics here are predominantly the banded IF unit, suggesting that the contact was a zone of high strain.

b). Mineralization

The mineralization again varies from disseminated, remobilized style to massive. Trenches between L3E and L10E show the sulfides to occur with silicic felsic horizon that are up to 3.0 meters in width.

Values of 0.5 to 0.6% Zn are common but Cu values are generally less than 1000 ppm. Ag varies from 1.0 to 3.0 gms.

Two horizons of mineralization occur east of L13E. The north trend was trenched on L19E on top of the cliff - Zn values of up to 2.1% were obtained here. Ag values were 1 to 3.3 gms, and the best Cu was 2608 ppm.

The interpretation of these two units east of L19E is somewhat tenuous. Trenches on a folded mineralized zone between L24 and 25E may actually belong to the south horizon rather than the north unit as shown on the plan. Visible sphalerite-chalcopyrite occur in highly folded silicic tuff and with foliation controlled remobilized pyrrhotite. Zn values up to 01.4% and Ag values to 3.2 gms were obtained.

GRID C

a). Geology

Detailed mapping was carried out along the grid and extended into the area south on a reconnaissance basis. Grid J was established later to recover some airborne conductors.

Mafic volcanics predominate in the south part of the grid and are host to thin chert + magnetite ± garnet ± pyrrhotite units. Locally, these are conductive. The

mafics near the contact with the felsics become laminated (Unit IF). Pegmatite dikes and some gabbro intrude the mafic suite.

The area lying south of the grid comprises of massive and pillowed flows and a number of chert-magnetite formations. Coarse grained gabbro intrudes both the volcanics and I.F.

The main felsic suite of rocks varies from feldspar to Q.F. phyric and from fine tuff to coarse breccias.

b). Mineralization

Numerous trenches were put down along Grid C. The I.F. units within the mafic sequence hold little potential for base metals. However, the sulfide zones along the main felsic-mafic contact or proximal to it show promise for such deposits. Values of Zn from 0.3 to 1% are common within silicic zones. Ag values are in the 1-2 gm range and Cu values are generally less than 0.10%.

Trenches near the intersections of the English River and Umfreville Road show four separate mineralization horizons. The north units are sulfide rich while the south zones are essentially chert-magnetite. Minor Cu-Zn mineralization occurs with the sulfide zones.

About 800 meters west along this trend are two trenches put down on a weak gossanous horizon flanking the oxide facies I.F. to the south. Values of up to 2% Zn were obtained from this area.

East Grid C Reconnaissance - (Grid I)

Reconnaissance work was extended into this area to examine the potential for base metals. The main felsic unit in this locale exhibits extensive development of muscovite, primary breccia textures and some quartz phyric phases. The contact with the felsics is gossaned as are thin felsic units lying immediately to the south.

A well banded unit of felsic lies about 200 meters to the south of the main contact. It varies from 20 to 35 meters in thickness, locally contains abundant garnet and sillimanite and is often highly gossaned. This unit was not trenched.

A grid was later established over this area and was called Grid I.

Bridge Area - Grid H

Reconnaissance work over clear cut sections of this area identified several trends of chert + magnetite ± garnet I.F. within a basalt-gabbro sequence. Chalcopyrite mineralization was observed at several locale, associated with highly deformed I.F. Subsequent trenching and stripping extended the mineralization to a Cu-Zn-As-Au bearing zone in I.F. adjacent to a gabbro intrusion. Grid H was established and some detailed mapping was carried out along with geophysical surveys.

The potential of this grid lies with the polymetallic mineralization within the I.F. units.

Grid D

Grid D lies along the NE trend of the felsic volcanics from the NW part of the Extension Grid. The conductive areas were prospected but only disseminated sulfides were observed, less than required for a conductive body. These lie within silicified, sillimanite-muscovite bearing felsics in contact with biotite gneiss and numerous felsic intrusive rocks.

The magnetic data suggests that this gossaned, conductive felsic horizon maybe folded with the nose just beyond the east limit of the grid.

Grid E

Gneisses are the dominant lithology of this grid with much of the south part either covered by overburden or lake.

A narrow mafic volcanic and silicified gneiss flank a uranium bearing pegmatite intrusion along L15E and north of the base line. Three diamond drill holes put down by S. Lasavage in the vicinity of L16E and the BL intersected sheared, sulfide-bearing intermediate lithologies with about 0.3% Zn over 40 ft. Other gossanous zones on the grid are associated with the biotite gneiss or leucocratic gneiss. The single exception is some pyrite occurring with a Q.F.P. unit on L2E, 3N. All regional samples were low in Cu-Zn values.

Grid F

This grid is almost exclusively underlain by gneisses. Several narrow amphibolite units along the south part of the grid are likely mafic volcanic in origin. The

gossaned zones lie within the gneisses and have been deformed by intrusion of the clotty biotite-garnet granodiorite (Unit 2F). The base metal potential of this area is considered to be low.

Grid G

Unit 2F was first identified within this grid and originally it was mapped with the felsic volcanics. Subsequent work showed it to be intrusive.

Narrow mafic volcanic units occur along the south portion of the grid. These are in contact with silicic units, that maybe remanent felsic volcanics and with biotite and biotite-garnet gneiss. These lithologies underlay much of the grid area.

The gossaned areas are always within the biotite-garnet gneiss lithologies and comprise of massive to semi-massive pyrrhotite. Sphalerite mineralization was observed in one trench but as a late cross-cutting vein.

52L08SW0005 OM92-064 TREELINED LAKE

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT

DIAMOND DRILL LOGS

1991 - 1992

52L08SW0005 OM92-064 TREELINED LAKE

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I. SUMMARY OF DRILL DATA

SUMMARY OF DRILL DATA ON DUPSURV FILES AT Omai Gold

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Total	Zones Named	Elements
		METERS						FEET						
CB027	Grid B	1100.00	120.00	0.00	feet	-45.00	0.00	396.00	0	22	35	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB028	Grid B	1300.00	130.00	0.00	feet	-45.00	0.00	396.00	0	26	50	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB029	Grid B	1800.00	125.00	0.00	feet	-45.00	0.00	443.00	0	26	30	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB030	Grid B	2000.00	145.00	0.00	feet	-45.00	0.00	326.00	0	24	27	4	4	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB031	Grid B	2500.00	140.00	0.00	feet	-45.00	0.00	256.00	0	13	20	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB032	Grid B	700.00	125.00	0.00	feet	-45.00	0.00	596.00	0	21	40	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB033	Grid B	400.00	90.00	0.00	feet	-45.00	0.00	296.00	0	16	46	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB034	Grid A	900.00	112.00	0.00	feet	-45.00	0.00	246.00	0	13	17	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB035	Grid A	800.00	200.00	0.00	feet	-45.00	180.00	306.00	0	14	61	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB036	Grid A	700.00	200.00	0.00	feet	-45.00	180.00	396.00	0	14	41	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB037	Grid A	200.00	62.00	0.00	feet	-45.00	0.00	321.00	0	18	31	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB038	Grid H	592.00	-284.00	0.00	feet	-45.00	30.00	346.00	0	4	34	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB039	Grid H	800.00	-475.00	0.00	feet	-45.00	0.00	636.00	0	11	63	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB040	Grid H	900.00	-550.00	0.00	feet	-45.00	0.00	386.00	0	4	21	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB041	Grid H	875.00	-525.00	0.00	feet	-45.00	45.00	206.00	0	6	43	3	3	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB042	Grid H	800.00	-325.00	0.00	feet	-45.00	180.00	296.00	0	6	45	6	6	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB043	Grid H	600.00	-50.00	0.00	feet	-45.00	130.00	236.00	0	5	24	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB044	Grid H	975.00	0.00	0.00	feet	-45.00	340.00	566.00	0	14	25	1	1	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB045	Grid C	3100.00	200.00	0.00	feet	-45.00	0.00	296.00	0	9	29	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB046	Grid C	3512.00	400.00	0.00	feet	-45.00	0.00	176.00	0	10	20	3	3	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB047	Grid C	2400.00	300.00	0.00	feet	-45.00	0.00	246.00	0	19	17	1	1	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB048	Grid C	1900.00	285.00	0.00	feet	-45.00	0.00	376.00	0	13	23	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB049	Grid C	1000.00	277.00	0.00	feet	-45.00	0.00	256.00	0	11	19	3	3	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB050	Grid C	700.00	240.00	0.00	feet	-45.00	0.00	276.00	0	19	27	4	4	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))

SUMMARY OF DRILL DATA ON DATABASE FILES AT [illegible]

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Zones Total	Named	Elements
		METERS						FEET						
CB051	Grid C	300.00	225.00	0.00	feet	-45.00	0.00	546.00	0	16	36	5	5	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB052	Grid C	200.00	150.00	0.00	feet	-45.00	0.00	526.00	0	20	38	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB053	Grid C	800.00	225.00	0.00	feet	-45.00	0.00	296.00	0	12	18	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB054	Grid C	900.00	232.00	0.00	feet	-45.00	0.00	266.00	0	12	32	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB055	Grid J	1815.00	-10.00	0.00	feet	-45.00	0.00	506.00	0	10	42	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB056	Grid J	2000.00	125.00	0.00	feet	-45.00	0.00	506.00	0	19	23	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB057	Grid J	2400.00	10.00	0.00	feet	-45.00	0.00	436.00	0	16	25	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB115	Grid Ext	8500.00	150.00	0.00	feet	-45.00	0.00	229.00	0	11	42	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB116	Grid Ext	8550.00	130.00	0.00	feet	-45.00	0.00	304.00	0	10	87	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB117	Grid Ext	8400.00	175.00	0.00	feet	-45.00	0.00	242.00	0	13	15	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB118	Grid Ext	8000.00	212.00	0.00	feet	-45.00	0.00	196.00	0	11	11	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB119	Grid Ext	7800.00	226.00	0.00	feet	-45.00	0.00	226.00	0	16	8	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB120	Grid Ext	8005.00	-408.00	0.00	feet	-45.00	0.00	456.00	0	21	136	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB121	Grid Ext	9200.00	645.00	0.00	feet	-45.00	30.00	306.00	0	10	38	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB122	Grid Ext	9100.00	1012.00	0.00	feet	-45.00	0.00	426.00	0	5	18	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB123	Grid D	1400.00	-162.00	0.00	feet	-45.00	0.00	446.00	0	10	82	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB124	Grid D	2000.00	175.00	0.00	feet	-45.00	0.00	556.00	0	8	40	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB125	OML	7000.00	515.00	0.00	feet	-45.00	180.00	236.00	0	10	27	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB126	OML	6900.00	500.00	0.00	feet	-45.00	180.00	256.00	0	21	21	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB127	Grid I	5000.00	150.00	0.00	feet	-45.00	0.00	276.00	0	7	22	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB128	Grid I	4900.00	135.00	0.00	feet	-45.00	0.00	206.00	0	7	17	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB129	Grid I	5200.00	190.00	0.00	feet	-45.00	0.00	216.00	0	5	12	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB130	Grid I	5200.00	-35.00	0.00	feet	-45.00	0.00	506.00	0	23	37	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB131	Grid I	5500.00	0.00	0.00	feet	-45.00	0.00	486.00	0	15	40	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))

SUMMARY OF DRILL DATA ON NORANDA FILES AT Wha-Man Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Zones Total	Named	Elements
		METERS			FEET									
CB132	Grid I	5000.00	-185.00	0.00	feet	-45.00	0.00	206.00	0	9	23	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB133	Grid I	4600.00	-5.00	0.00	feet	-45.00	0.00	206.00	0	15	22	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB134	Grid I	4400.00	140.00	0.00	feet	-45.00	0.00	226.00	0	4	7	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB135	Grid I	4300.00	182.00	0.00	feet	-45.00	0.00	296.00	0	8	13	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB136	Grid I	3900.00	-600.00	0.00	feet	-45.00	0.00	296.00	0	12	26	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB137	Grid I	6800.00	-65.00	0.00	feet	-45.00	0.00	526.00	0	24	59	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm0, Mn(ppm), Fe(%), As(ppm))
CB138	Grid I	6900.00	-210.00	0.00	feet	-45.00	0.00	282.00	0	14	37	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB139	Grid I	8000.00	-320.00	0.00	feet	-45.00	0.00	507.00	0	27	31	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB140	Grid Ext	8500.00	100.00	0.00	feet	-45.00	45.00	676.00	0	24	24	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB141	Grid Ext	8500.00	100.00	0.00	feet	-45.00	0.00	586.00	0	23	13	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB142	Grid Ext	7900.00	-245.00	0.00	feet	-45.00	180.00	296.00	0	11	62	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))

Total Holes: 59 Total depth: 21030.00 Total assays: 1972

II. SUMMARY OF AVERAGED ASSAY INTERVALS

- ZN>1000.PPM

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Zn>1000 PPM

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
CB027	1	74.00	77.50	3.50	----	-----	5102.429	241.571	43.000	1844.429	0.714	562.714	8.034	47.429
	2	96.00	98.00	2.00	----	-----	5106.000	218.000	9.000	1666.000	0.100	144.000	5.150	79.000
	3	105.40	107.30	1.90	----	-----	5107.000	413.000	26.000	3319.000	0.600	450.000	10.680	52.000
	4	155.50	159.50	4.00	----	-----	5111.000	240.000	28.000	1758.000	1.000	657.000	5.920	69.000
	5	164.30	189.00	24.70	----	-----	5115.919	254.263	33.028	1760.190	0.731	624.551	8.051	95.194
CB028	1	48.20	52.90	4.70	----	-----	5126.000	358.000	14.000	2421.000	0.900	562.000	16.300	17.000
	2	88.20	91.80	3.60	----	-----	5128.000	459.000	42.000	5181.000	0.900	1107.000	13.640	4.000
	3	118.00	120.00	2.00	----	-----	5131.000	242.000	30.000	3122.000	1.400	661.000	7.500	45.000
	4	127.00	130.50	3.50	----	-----	5133.000	185.000	0.000	1034.000	0.400	261.000	6.370	26.000
	5	159.80	166.00	6.20	----	-----	5135.790	368.839	18.774	2706.742	0.705	408.613	10.370	117.903
	6	220.30	226.00	5.70	----	-----	5150.351	309.825	20.246	2510.895	0.635	754.982	9.646	35.947
	7	229.00	246.00	17.00	----	-----	5154.471	362.471	33.294	2473.529	1.012	753.765	10.273	31.882
CB029	1	27.50	30.30	2.80	----	-----	5164.000	180.000	16.000	1015.000	0.600	806.000	9.920	16.000
	2	138.00	139.20	1.20	----	-----	5170.000	234.000	21.000	1870.000	0.700	325.000	9.040	72.000
	3	184.50	195.00	10.50	----	-----	5172.952	317.857	34.095	1926.000	0.948	465.238	6.704	21.190
	4	198.60	203.60	5.00	----	-----	5176.000	379.000	48.000	2919.000	1.300	366.000	9.190	114.000
	5	208.00	213.00	5.00	----	-----	5178.000	228.000	40.000	1934.000	2.500	381.000	8.990	47.000
	6	218.00	226.00	8.00	----	-----	5180.500	150.500	21.000	1494.500	1.150	618.500	5.345	19.500
CB030	1	38.40	43.30	4.90	----	-----	5191.673	310.592	25.286	2823.531	1.063	940.408	11.350	28.102
	2	131.40	136.00	4.60	----	-----	5198.000	187.000	14.000	1037.000	1.400	589.000	6.900	87.000
	3	160.00	168.00	8.00	----	-----	5200.500	541.000	22.000	2715.500	1.000	547.000	8.800	28.500
	4	173.50	184.20	10.70	----	-----	5203.346	191.785	20.000	1324.411	0.815	558.813	7.497	32.682
CB031	1	35.00	37.50	2.50	----	-----	5208.000	269.000	26.000	1589.000	0.900	632.000	6.030	35.000
	2	41.80	46.20	4.40	----	-----	5210.000	254.000	48.000	2686.000	0.700	483.000	7.890	31.000

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	
	3	76.70	79.80	3.10	----	-----	5213.000	259.000	11.000	4235.000	0.800	835.000	12.470	39.000	
	4	85.50	88.00	2.50	----	-----	5216.000	313.000	16.000	1222.000	1.000	350.000	8.750	56.000	
	5	174.20	179.40	5.20	----	-----	5220.558	272.327	56.404	1775.423	1.133	415.462	5.666	51.519	
CB032	1	51.50	64.50	13.00	----	-----	5226.077	270.462	65.154	2767.308	1.477	548.846	9.645	42.923	
	2	76.30	79.40	3.10	----	-----	5229.000	672.000	17.000	2414.000	1.500	491.000	15.430	44.000	
	3	82.00	90.60	8.60	----	-----	5231.419	165.047	4.000	2600.605	0.384	501.209	5.907	124.070	
	4	103.00	110.00	7.00	----	-----	5234.429	555.286	40.714	5659.143	1.014	697.429	10.181	11.286	
	5	150.00	165.00	15.00	----	-----	5241.000	197.000	34.000	1147.333	1.133	610.333	6.983	50.667	
	6	170.00	181.40	11.40	----	-----	5244.947	190.281	28.421	2306.316	0.981	710.070	7.972	38.930	
	7	184.60	186.50	1.90	----	-----	5248.000	203.000	23.000	3202.000	1.300	476.000	10.160	101.000	
CB033	1	136.00	141.50	5.50	----	-----	5258.000	331.000	45.000	3357.000	0.500	709.000	10.380	42.000	-0.000
	2	145.50	152.30	6.80	----	-----	5260.397	351.132	62.176	3575.206	0.460	517.074	10.487	33.971	-0.000
	3	156.70	168.00	11.30	----	-----	5264.124	465.274	55.124	2555.354	0.509	484.407	7.676	25.566	-0.000
	4	170.00	186.00	16.00	----	-----	5269.569	261.087	38.056	2111.575	0.603	546.906	8.014	40.825	-0.000
	5	212.40	215.50	3.10	----	-----	5275.000	255.000	13.000	1029.000	0.500	310.000	4.800	28.000	-0.000
	6	236.00	244.70	8.70	----	-----	5279.540	213.046	31.621	1478.747	0.554	453.080	5.093	50.966	-0.000
	7	250.00	253.20	3.20	----	-----	5283.000	220.000	24.000	1865.000	0.600	628.000	4.610	56.000	-0.000
	8	260.40	269.00	8.60	----	-----	5286.047	363.512	40.465	2868.791	0.440	464.930	7.854	16.349	2.442
	9	271.80	274.00	2.20	----	-----	5289.000	252.000	14.000	2440.000	0.400	590.000	9.050	38.000	9.000
	10	275.60	287.60	12.00	----	-----	5292.950	388.650	45.767	2873.350	0.540	483.067	8.432	56.867	1.750
CB034	1	76.90	79.00	2.10	----	-----	5424.000	200.000	40.000	1044.000	1.200	210.000	6.650	12.000	
	2	81.60	84.20	2.60	----	-----	5425.000	276.000	32.000	1771.000	0.300	319.000	7.030	111.000	
	3	100.50	103.00	2.50	----	-----	5427.000	414.000	3.000	1464.000	0.700	405.000	8.250	4.000	
	4	107.00	110.00	3.00	----	-----	5429.000	221.000	9.000	1102.000	0.000	546.000	6.550	5.000	

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	
	5	141.00	143.00	2.00	----	-----	5431.000	166.000	31.000	1705.000	0.700	319.000	6.760	32.000	
	6	146.00	149.00	3.00	----	-----	5433.000	204.000	31.000	1062.000	0.500	241.000	7.770	38.000	
CB035	1	32.00	40.00	8.00	----	-----	5436.562	202.562	21.437	1085.875	0.837	672.125	6.246	116.250	-0.000
	2	52.00	59.00	7.00	----	-----	5438.571	227.714	34.286	1415.286	0.629	587.143	7.447	236.143	-0.000
	3	105.00	129.00	24.00	----	-----	5443.646	280.375	27.042	2360.667	1.000	487.312	6.862	55.396	-0.000
	4	131.80	142.50	10.70	----	-----	5450.729	552.019	28.308	2314.449	2.860	345.477	8.624	30.645	-0.000
	5	156.50	161.30	4.80	----	-----	5457.479	606.292	22.458	5127.000	2.873	341.333	11.811	60.271	8.958
	6	174.00	196.00	22.00	----	-----	5463.036	346.614	34.859	2330.705	1.393	416.782	9.367	37.600	-0.000
	7	207.80	210.20	2.40	----	-----	5468.000	282.000	49.000	2303.000	3.200	567.000	8.280	55.000	-0.000
	8	253.00	270.80	17.80	----	-----	5476.809	404.640	36.461	2360.180	2.703	402.730	8.464	57.472	5.955
CB036	1	127.00	131.40	4.40	----	-----	5496.545	85.818	20.091	1790.909	0.000	313.273	3.595	27.000	-0.000
	2	330.00	345.00	15.00	----	-----	5521.067	513.533	28.300	2726.000	1.233	419.900	10.792	25.133	-0.000
	3	348.30	351.00	2.70	----	-----	5525.000	274.000	33.000	2140.000	0.600	368.000	6.510	78.000	-0.000
	4	357.50	360.00	2.50	----	-----	5528.000	151.000	32.000	1320.000	0.200	380.000	5.860	24.000	-0.000
CB037	1	215.00	217.70	2.70	----	-----	5555.000	540.000	68.000	5323.000	2.200	278.000	10.540	45.000	
	2	219.40	220.40	1.00	----	-----	5557.000	166.000	15.000	1013.000	0.600	339.000	5.480	47.000	
	3	236.00	242.20	6.20	----	-----	5558.484	193.097	13.581	1529.806	0.768	793.000	7.292	46.677	
CB039	1	88.00	90.50	2.50	----	-----	5781.000	442.000	14.000	1189.000	1.400	96.000	8.430	8.000	85.000
	2	105.00	124.00	19.00	----	-----	5789.711	568.737	14.211	1355.026	1.484	191.447	8.388	12.447	90.421
CB041	1	104.00	106.00	2.00	----	-----	5879.000	449.000	2.000	1405.000	0.200	168.000	13.100	2.000	26.000
	2	108.00	115.00	7.00	----	-----	5882.143	522.286	2.429	1682.857	1.057	221.857	13.954	10.429	52.571
	3	117.00	121.60	4.60	----	-----	5885.565	712.957	1.304	1476.304	1.017	-0.000	-0.000	-0.000	125.739
CB042	1	146.00	149.00	3.00	----	-----	5964.000	625.000	6.000	2767.000	1.100	121.000	8.000	81.000	15.000
	2	152.30	156.00	3.70	----	-----	5966.000	652.000	4.000	1058.000	1.000	110.000	-0.000	-0.000	36.000

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
	3	160.00	169.00	9.00	----	-----	5969.000	510.000	5.000	1377.667	0.633	134.667	9.857	5.667	24.000
	4	187.60	198.30	10.70	----	-----	5980.112	605.720	2.037	2044.813	0.225	232.262	7.119	9.047	77.944
	5	214.00	217.90	3.90	----	-----	5986.487	744.462	0.000	1178.538	0.851	98.000	9.672	3.590	26.615
	6	231.00	256.00	25.00	----	-----	5995.160	620.800	3.080	2266.880	0.732	170.920	9.954	135.640	117.080
CB044	1	190.70	192.00	1.30	----	-----	5059.000	199.000	5.000	1225.000	0.100	339.000	12.930	0.000	11.000
CB046	1	27.00	30.40	3.40	----	-----	6033.000	199.000	16.000	1669.000	1.300	-0.000	-0.000	-0.000	
	2	63.00	66.00	3.00	----	-----	6039.000	315.000	40.000	2406.000	1.400	-0.000	-0.000	-0.000	
	3	73.00	76.00	3.00	----	-----	6042.000	240.000	20.000	1027.000	1.100	-0.000	-0.000	-0.000	
CB049	1	46.00	48.30	2.30	----	-----	7067.000	420.000	56.000	2403.000	1.700	645.000	14.060	196.000	
	2	50.00	64.00	14.00	----	-----	7071.000	298.643	39.357	2051.786	1.271	543.786	7.351	36.786	
	3	66.00	68.00	2.00	----	-----	7075.000	257.000	28.000	1406.000	0.800	712.000	8.360	49.000	
CB050	1	42.00	44.50	2.50	----	-----	7077.000	229.000	44.000	1358.000	1.100	1490.000	10.150	144.000	
	2	55.70	62.20	6.50	----	-----	7080.708	519.231	82.862	2823.662	1.588	1266.800	13.814	39.738	
	3	189.00	191.00	2.00	----	-----	7092.000	184.000	24.000	1159.000	0.200	568.000	6.240	54.000	
	4	193.00	196.00	3.00	----	-----	7094.000	139.000	27.000	1353.000	0.000	773.000	4.580	31.000	
CB051	1	60.40	72.60	12.20	----	-----	6219.967	279.131	57.459	2217.754	1.303	952.557	7.253	33.984	
	2	280.00	281.50	1.50	----	-----	6228.000	407.000	36.000	2631.000	0.700	592.000	8.020	171.000	
	3	283.00	285.20	2.20	----	-----	6230.000	688.000	22.000	3310.000	0.900	532.000	7.380	67.000	
	4	301.40	302.30	0.90	----	-----	6233.000	487.000	23.000	1767.000	1.900	740.000	6.140	54.000	
	5	309.70	317.70	8.00	----	-----	6235.050	251.150	29.512	2589.562	0.803	609.050	8.773	22.000	
CB052	1	226.70	232.80	6.10	----	-----	6262.459	565.934	53.164	2157.016	2.195	2225.902	12.205	43.754	
	2	235.00	239.70	4.70	----	-----	6265.511	442.447	73.617	4101.574	2.157	1644.255	13.267	163.723	
	3	436.00	440.00	4.00	----	-----	6281.000	508.000	33.000	2364.000	1.100	454.000	7.470	63.000	
	4	454.30	456.70	2.40	----	-----	6286.000	298.000	20.000	1857.000	0.400	569.000	6.200	59.000	

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	
	5	466.00	469.00	3.00	----	-----	6287.000	626.000	30.000	2655.000	1.100	429.000	10.420	40.000	
CB053	1	76.00	79.00	3.00	----	-----	6305.000	485.000	28.000	4031.000	1.200	913.000	13.680	34.000	
	2	195.30	201.50	6.20	----	-----	6311.274	259.177	21.645	1281.048	0.637	761.855	6.600	39.145	
CB054	1	15.00	16.60	1.60	----	-----	6314.000	379.000	51.000	2186.000	0.500	1480.000	17.840	20.000	
	2	18.50	20.00	1.50	----	-----	6316.000	486.000	38.000	1024.000	0.000	754.000	20.350	62.000	
	3	119.70	135.00	15.30	----	-----	6354.013	329.412	28.595	2090.634	0.507	735.124	9.014	51.719	
CB115	1	134.00	147.30	13.30	----	-----	5306.835	584.820	42.218	4712.812	1.076	442.165	13.015	42.805	
	2	150.00	155.40	5.40	----	-----	5311.444	846.333	58.000	4068.444	2.400	495.000	18.581	205.333	
	3	159.30	183.00	23.70	----	-----	5319.591	418.409	31.481	4112.160	0.658	381.768	11.299	7.443	
	4	187.10	197.80	10.70	----	-----	5326.533	219.748	37.916	2576.336	0.929	353.991	8.362	43.103	
	5	203.50	209.00	5.50	----	-----	5330.545	338.273	21.455	1796.455	0.473	522.545	9.205	8.455	
CB116	1	24.60	28.40	3.80	----	-----	3228.000	903.000	46.000	3228.000	2.000	384.000	14.960	21.000	
	2	31.50	34.00	2.50	----	-----	4198.000	535.000	46.000	4198.000	1.100	400.000	15.560	40.000	
	3	40.30	57.50	17.20	----	-----	4982.209	443.151	36.297	4982.209	0.815	477.052	12.366	27.878	
	4	71.50	75.00	3.50	----	-----	1337.000	239.000	20.000	1337.000	2.200	98.000	9.410	6.000	
	5	87.80	109.60	21.80	----	-----	4041.417	364.844	32.927	4041.417	0.944	486.904	12.205	29.128	
	6	112.80	120.30	7.50	----	-----	2240.053	455.280	46.720	2240.053	1.312	348.560	10.555	20.427	
	7	122.00	217.30	95.30	----	-----	3727.565	423.650	33.455	3727.565	1.556	420.955	12.480	27.363	
CB117	1	157.80	174.40	16.60	----	-----	5414.090	437.783	22.639	3521.639	1.796	506.404	12.634	28.687	
	2	178.00	194.20	16.20	----	-----	5421.130	416.605	16.426	4619.747	1.910	492.790	11.757	49.765	
CB118	1	106.30	114.60	8.30	----	-----	5488.325	850.578	25.265	3881.205	4.149	402.482	19.547	21.386	
CB119	1	61.00	63.00	2.00	----	-----	5531.000	373.000	28.000	1815.000	1.000	793.000	13.000	45.000	
CB120	1	125.00	129.00	4.00	----	-----	5601.000	115.000	2543.000	1032.000	0.600	1578.000	7.560	133.000	11.000
	2	176.00	183.70	7.70	----	-----	5616.870	185.935	23.468	4120.701	0.338	642.610	12.606	108.558	7.857

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
	3	192.50	196.00	3.50	----	-----	5622.000	122.000	24.000	1404.000	1.100	589.000	9.790	93.000	7.000
	4	198.40	204.00	5.60	----	-----	5624.536	134.107	47.750	1847.500	1.207	766.357	13.220	109.464	2.679
	5	208.00	228.40	20.40	----	-----	5629.652	289.216	44.358	2454.363	1.896	1373.794	16.350	39.456	18.397
	6	330.00	336.00	6.00	----	-----	5667.500	95.500	28.000	2000.500	0.650	1258.000	7.380	20.000	3.500
	7	339.00	367.60	28.60	----	-----	5674.402	319.234	49.119	2878.930	1.184	1261.385	19.151	45.944	46.021
	8	373.00	376.00	3.00	----	-----	5682.000	363.000	35.000	2078.000	0.800	579.000	17.260	17.000	21.000
	9	386.40	389.60	3.20	----	-----	5687.000	278.000	103.000	2243.000	0.500	808.000	16.100	67.000	17.000
	10	392.00	394.00	2.00	----	-----	5689.000	294.000	110.000	3583.000	0.700	1194.000	18.690	8338.000	384.000
CB121	1	165.50	167.00	1.50	----	-----	5698.000	69.000	10949.000	9959.000	10.800	625.000	4.210	21.000	
	2	242.00	247.00	5.00	----	-----	5717.400	105.200	21.000	1322.200	0.580	165.400	19.486	354.800	
CB123	1	287.30	290.00	2.70	----	-----	5926.556	101.111	10.000	2632.667	1.989	487.667	10.660	20.000	
	2	318.00	323.00	5.00	----	-----	5935.600	79.200	8.000	1213.000	1.940	648.000	13.104	14.200	
	3	326.00	329.00	3.00	----	-----	5938.000	31.000	14.000	1397.000	0.600	624.000	6.930	9.000	
	4	366.00	369.00	3.00	----	-----	5950.000	150.000	5.000	1405.000	3.300	433.000	17.450	0.000	
CB124	1	514.00	519.00	5.00	----	-----	5046.400	93.600	15.200	1658.800	1.020	286.000	5.426	10.200	
CB125	1	129.00	130.70	1.70	----	-----	5083.000	165.000	5.000	1273.000	0.600	501.000	6.580	59.000	
	2	134.50	137.10	2.60	----	-----	5084.000	266.000	5.000	1233.000	0.700	779.000	11.390	148.000	
	3	146.60	150.50	3.90	----	-----	5089.000	323.000	11.000	5215.000	0.900	544.000	10.080	238.000	
	4	194.00	198.80	4.80	----	-----	5093.583	361.250	19.083	1614.833	1.008	435.000	6.995	63.667	
	5	233.00	234.00	1.00	----	-----	5099.000	267.000	6.000	2308.000	0.300	580.000	9.100	91.000	
CB126	1	174.50	175.50	1.00	----	-----	6002.000	264.000	17.000	1222.000	0.700	739.000	7.240	43.000	
	2	176.60	186.00	9.40	----	-----	6004.745	392.660	26.915	3547.191	1.030	624.574	8.533	90.702	
CB128	1	49.50	52.00	2.50	----	-----	6078.000	182.000	19.000	1157.000	0.800	394.000	8.710	8.000	
	2	80.80	84.00	3.20	----	-----	6082.000	161.000	15.000	1110.000	1.500	468.000	8.120	99.000	

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
CB129	1	115.50	119.00	3.50	----	-----	6091.000	159.000	12.000	1252.000	0.900	879.000	7.140	15.000
	2	121.00	122.20	1.20	----	-----	6093.000	102.000	10.000	3281.000	0.800	491.000	5.370	103.000
CB131	1	348.00	348.00	0.00	----	-----	7060.000	314.000	33.000	2288.000	1.200	539.000	3.750	89.000
CB136	1	96.00	98.50	2.50	----	-----	6322.000	246.000	10.000	1645.000	0.300	1130.000	9.540	38.000
	2	155.80	161.40	5.60	----	-----	6336.464	391.464	16.643	3489.293	0.161	454.179	7.161	250.607
CB137	1	463.00	466.10	3.10	----	-----	6404.000	402.000	20.000	1874.000	0.200	621.000	6.140	16.000
CB140	1	465.00	470.00	5.00	----	-----	8002.000	190.000	5.000	1596.000	0.900	620.000	7.010	27.000
	2	581.00	591.00	10.00	----	-----	8008.900	328.500	7.500	3207.500	0.780	410.700	19.383	38.300
	3	593.30	598.10	4.80	----	-----	8011.646	356.250	16.396	2023.875	0.277	400.979	13.031	17.937
CB141	1	517.70	536.00	18.30	----	-----	8022.328	762.798	8.945	3001.601	1.533	315.514	24.941	62.934

III. SUMMARY OF AVERAGED ASSAY INTERVALS

- CU >300 PPM

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Cu>300 PPM

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	
CB027	1	84.70	85.80	1.10	----	-----	5104.000	412.000	28.000	973.000	2.600	442.000	7.740	28.000	
	2	105.40	107.30	1.90	----	-----	5107.000	413.000	26.000	3319.000	0.600	450.000	10.680	52.000	
	3	179.00	184.10	5.10	----	-----	5117.000	404.000	25.000	2518.000	0.300	565.000	11.050	17.000	
CB028	1	48.20	52.90	4.70	----	-----	5126.000	358.000	14.000	2421.000	0.900	562.000	16.300	17.000	
	2	88.20	91.80	3.60	----	-----	5128.000	459.000	42.000	5181.000	0.900	1107.000	13.640	4.000	
	3	95.00	97.50	2.50	----	-----	5129.000	610.000	3.000	117.000	0.600	327.000	7.850	89.000	
	4	159.80	162.60	2.80	----	-----	5135.000	519.000	16.000	3238.000	0.900	441.000	13.470	17.000	
	5	220.30	224.00	3.70	----	-----	5150.000	380.000	22.000	2153.000	0.600	842.000	9.190	37.000	
	6	233.00	238.00	5.00	----	-----	5154.000	430.000	34.000	2530.000	0.800	870.000	11.920	18.000	
	7	242.00	246.00	4.00	----	-----	5156.000	498.000	46.000	3222.000	1.300	572.000	9.910	36.000	
CB029	1	188.00	192.00	4.00	----	-----	5173.000	442.000	29.000	1823.000	0.700	475.000	6.620	17.000	
	2	198.60	203.60	5.00	----	-----	5176.000	379.000	48.000	2919.000	1.300	366.000	9.190	114.000	
CB030	1	38.40	40.00	1.60	----	-----	5191.000	549.000	30.000	2969.000	1.400	768.000	14.940	18.000	
	2	43.30	47.00	3.70	----	-----	5193.000	337.000	8.000	581.000	0.900	597.000	12.280	17.000	
	3	160.00	168.00	8.00	----	-----	5200.500	541.000	22.000	2715.500	1.000	547.000	8.800	28.500	
CB031	1	79.80	83.00	3.20	----	-----	5214.000	379.000	14.000	848.000	0.500	366.000	9.750	32.000	
	2	85.50	88.00	2.50	----	-----	5216.000	313.000	16.000	1222.000	1.000	350.000	8.750	56.000	
CB032	1	51.50	55.50	4.00	----	-----	5225.000	313.000	103.000	3250.000	2.600	671.000	8.480	55.000	
	2	76.30	79.40	3.10	----	-----	5229.000	672.000	17.000	2414.000	1.500	491.000	15.430	44.000	
	3	103.00	110.00	7.00	----	-----	5234.429	555.286	40.714	5659.143	1.014	697.429	10.181	11.286	
CB033	1	136.00	141.50	5.50	----	-----	5258.000	331.000	45.000	3357.000	0.500	709.000	10.380	42.000	-0.000
	2	145.50	149.60	4.10	----	-----	5260.000	396.000	59.000	3657.000	0.500	500.000	11.130	30.000	-0.000
	3	156.70	159.30	2.60	----	-----	5263.000	769.000	91.000	4140.000	1.000	471.000	9.510	26.000	-0.000
	4	164.00	168.00	4.00	----	-----	5265.000	502.000	39.000	2501.000	0.200	550.000	7.420	33.000	-0.000

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
	5	178.00	182.40	4.40	----	-----	5270.545	418.909	65.909	3245.909	0.964	519.636	8.601	44.091	-0.000
	6	260.40	266.00	5.60	----	-----	5285.536	417.893	39.107	2915.286	0.461	449.357	7.599	19.214	3.750
	7	275.60	278.00	2.40	----	-----	5291.000	423.000	54.000	4198.000	0.200	589.000	9.300	24.000	0.000
	8	280.00	286.00	6.00	----	-----	5293.500	471.500	36.000	2347.500	0.700	440.000	8.655	31.000	3.500
CB034	1	100.50	103.00	2.50	----	-----	5427.000	414.000	3.000	1464.000	0.700	405.000	8.250	4.000	
	2	110.00	113.20	3.20	----	-----	5430.000	382.000	10.000	667.000	1.500	481.000	7.480	135.000	
CB035	1	108.00	111.00	3.00	----	-----	5441.000	480.000	31.000	5934.000	2.400	594.000	7.960	34.000	-0.000
	2	126.00	142.50	16.50	----	-----	5449.588	507.394	29.327	1812.291	2.356	369.406	8.746	39.242	-0.000
	3	159.00	161.30	2.30	----	-----	5458.000	1024.000	11.000	8152.000	2.300	258.000	10.910	16.000	10.000
	4	174.00	188.60	14.60	----	-----	5461.699	426.678	36.459	2948.884	1.714	444.342	11.404	26.521	-0.000
	5	262.00	270.80	8.80	----	-----	5478.205	592.114	34.318	3050.477	4.105	591.091	12.847	56.364	6.932
CB036	1	140.00	142.00	2.00	----	-----	5500.000	1130.000	47.000	310.000	3.400	893.000	30.000	35.000	9.000
	2	332.00	341.50	9.50	----	-----	5520.789	669.053	27.632	3081.053	1.779	447.579	13.604	17.316	-0.000
CB037	1	213.30	217.70	4.40	----	-----	5554.614	510.636	56.023	3611.795	1.891	331.318	10.015	48.864	
CB038	1	252.70	256.50	3.80	----	-----	5726.395	1176.105	5.632	40.500	0.463	41.553	0.621	2.000	58.632
	2	262.00	264.00	2.00	----	-----	5729.000	391.000	12.000	96.000	0.500	139.000	7.300	10.000	24.000
	3	266.00	274.00	8.00	----	-----	5732.625	692.500	25.875	224.625	0.912	206.375	9.070	16.625	24.875
CB039	1	47.80	52.00	4.20	----	-----	5762.524	3859.476	6.810	88.714	6.676	114.762	5.141	20.333	-0.000
	2	54.60	57.20	2.60	----	-----	5765.385	800.769	25.308	70.154	0.808	172.000	6.535	32.000	43.461
	3	76.00	80.10	4.10	----	-----	5775.512	352.683	18.098	283.195	0.551	131.805	9.343	14.561	30.146
	4	82.00	84.00	2.00	----	-----	5778.000	386.000	26.000	497.000	0.600	115.000	10.220	16.000	27.000
	5	88.00	93.00	5.00	----	-----	5781.500	393.500	23.000	884.000	1.350	139.000	9.725	12.500	47.500
	6	98.30	132.50	34.20	----	-----	5790.278	549.591	13.199	943.626	1.059	183.816	8.210	63.146	105.044
	7	140.20	145.00	4.80	----	-----	5802.000	335.000	2.000	671.000	0.100	338.000	4.020	61.000	303.000

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
	8	154.00	158.90	4.90	----	-----	5806.490	404.306	6.041	99.184	0.151	308.388	5.516	12.898	265.388
	9	166.00	171.40	5.40	----	-----	5811.556	391.333	11.444	215.556	0.489	265.778	7.507	13.778	71.333
CB040	1	183.00	188.00	5.00	----	-----	5838.600	639.200	4.400	353.000	0.760	287.000	16.080	0.000	120.000
	2	191.00	206.00	15.00	----	-----	5843.013	735.840	2.000	357.667	1.927	610.800	11.730	6.733	34.600
CB041	1	39.60	48.00	8.40	----	-----	5850.071	471.929	1.857	135.000	0.307	221.214	12.804	1.714	18.929
	2	52.00	60.00	8.00	----	-----	5855.500	823.500	5.500	131.500	1.225	131.750	20.525	1.500	8.250
	3	62.00	64.00	2.00	----	-----	5859.000	311.000	0.000	50.000	0.200	219.000	13.770	6.000	26.000
	4	66.00	70.30	4.30	----	-----	5861.535	401.860	4.395	79.047	0.547	189.419	18.217	0.000	10.326
	5	78.00	80.00	2.00	----	-----	5866.000	337.000	4.000	75.000	0.400	245.000	15.320	0.000	0.000
	6	82.00	84.20	2.20	----	-----	5868.000	437.000	6.000	57.000	0.800	136.000	20.440	0.000	6.000
	7	86.00	88.20	2.20	----	-----	5870.000	642.000	4.000	64.000	0.900	115.000	17.110	2.000	10.000
	8	104.00	106.00	2.00	----	-----	5879.000	449.000	2.000	1405.000	0.200	168.000	13.100	2.000	26.000
	9	110.00	115.00	5.00	----	-----	5882.600	611.600	1.800	1784.400	1.120	231.800	13.016	13.800	70.400
	10	117.00	121.60	4.60	----	-----	5885.565	712.957	1.304	1476.304	1.017	-0.000	-0.000	-0.000	125.739
	11	131.00	133.00	2.00	----	-----	5887.000	434.000	6.000	949.000	0.800	-0.000	-0.000	-0.000	-0.000
CB042	1	143.00	183.50	40.50	----	-----	5968.812	621.410	3.111	1058.956	0.698	141.447	7.877	112.585	33.844
	2	185.00	198.30	13.30	----	-----	5979.504	592.090	1.639	1749.662	0.220	229.865	7.571	7.278	70.135
	3	209.40	217.90	8.50	----	-----	5985.447	718.188	3.929	976.129	0.908	125.671	10.491	1.647	28.800
	4	226.00	256.00	30.00	----	-----	5994.067	608.267	3.500	2050.233	0.707	164.767	10.011	113.033	103.133
	5	262.00	265.00	3.00	----	-----	5003.000	428.000	15.000	96.000	0.600	281.000	4.900	22.000	15.000
CB043	1	86.00	99.10	13.10	----	-----	5005.763	419.305	12.244	246.573	0.470	333.847	11.926	1.069	11.107
	2	101.30	103.00	1.70	----	-----	5010.000	553.000	9.000	64.000	1.300	100.000	18.100	0.000	15.000
	3	120.30	121.50	1.20	----	-----	5017.000	924.000	5.000	104.000	1.500	216.000	15.330	0.000	0.000
	4	128.00	137.00	9.00	----	-----	5022.000	496.333	8.000	70.000	0.067	392.667	7.240	5.333	22.333

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
CB044	1	194.70	198.00	3.30	----	-----	5061.424	381.152	2.576	267.848	0.730	246.636	11.714	2.121	0.000
	2	239.00	242.00	3.00	----	-----	5079.000	401.000	3.000	83.000	0.400	158.000	9.810	3.000	0.000
CB045	1	91.00	92.50	1.50	----	-----	6010.000	438.000	11.000	85.000	0.000	1444.000	5.370	75.000	
	2	237.40	239.50	2.10	----	-----	6016.000	316.000	6.000	59.000	0.200	861.000	5.730	1284.000	
CB046	1	63.00	66.00	3.00	----	-----	6039.000	315.000	40.000	2406.000	1.400	-0.000	-0.000	-0.000	
CB047	1	182.50	184.50	2.00	----	-----	6074.000	628.000	8.000	77.000	0.300	492.000	13.440	18.000	
	2	188.00	190.00	2.00	----	-----	6075.000	338.000	33.000	2170.000	0.600	830.000	11.610	28.000	
CB048	1	97.70	98.90	1.20	----	-----	7022.000	307.000	18.000	59.000	0.800	865.000	5.680	49.000	
CB049	1	46.00	48.30	2.30	----	-----	7067.000	420.000	56.000	2403.000	1.700	645.000	14.060	196.000	
	2	56.00	58.00	2.00	----	-----	7071.000	316.000	37.000	3105.000	1.400	748.000	11.210	10.000	
	3	61.00	64.00	3.00	----	-----	7073.000	407.000	27.000	1999.000	1.100	488.000	5.810	31.000	
CB050	1	58.80	62.20	3.40	----	-----	7081.353	735.529	81.824	3499.882	1.941	1200.059	18.577	40.412	
CB051	1	60.40	65.20	4.80	----	-----	6218.167	357.167	79.167	2947.000	1.933	804.167	4.140	33.167	
	2	280.00	281.50	1.50	----	-----	6228.000	407.000	36.000	2631.000	0.700	592.000	8.020	171.000	
	3	283.00	285.20	2.20	----	-----	6230.000	688.000	22.000	3310.000	0.900	532.000	7.380	67.000	
	4	301.40	302.30	0.90	----	-----	6233.000	487.000	23.000	1767.000	1.900	740.000	6.140	54.000	
	5	312.00	315.00	3.00	----	-----	6235.000	356.000	28.000	2945.000	0.600	656.000	11.090	22.000	
CB052	1	226.70	232.80	6.10	----	-----	6262.459	565.934	53.164	2157.016	2.195	2225.902	12.205	43.754	
	2	235.00	239.70	4.70	----	-----	6265.511	442.447	73.617	4101.574	2.157	1644.255	13.267	163.723	
	3	436.00	440.00	4.00	----	-----	6281.000	508.000	33.000	2364.000	1.100	454.000	7.470	63.000	
	4	466.00	469.00	3.00	----	-----	6287.000	626.000	30.000	2655.000	1.100	429.000	10.420	40.000	
CB053	1	76.00	79.00	3.00	----	-----	6305.000	485.000	28.000	4031.000	1.200	913.000	13.680	34.000	
CB054	1	15.00	16.60	1.60	----	-----	6314.000	379.000	51.000	2186.000	0.500	1480.000	17.840	20.000	
	2	18.50	20.00	1.50	----	-----	6316.000	486.000	38.000	1024.000	0.000	754.000	20.350	62.000	

** BORSORV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT Freman Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
	3	82.80	85.00	2.20	----	-----	6341.000	631.000	8.000	313.000	0.100	1160.000	11.680	19.000
	4	119.70	126.30	6.60	----	-----	6351.909	417.455	27.197	2169.515	0.885	798.939	10.617	87.970
	5	128.00	130.00	2.00	----	-----	6355.000	308.000	42.000	2761.000	0.300	748.000	8.140	37.000
	6	133.00	135.00	2.00	----	-----	6357.000	321.000	24.000	1875.000	0.400	715.000	8.370	31.000
CB033	1	81.00	86.00	5.00	----	-----	6415.000	300.000	6.000	200.000	0.300	722.000	6.010	86.000
	2	206.00	208.10	2.10	----	-----	6430.000	388.000	3.000	88.000	0.000	358.000	15.620	0.000
	3	232.70	236.20	3.50	----	-----	6437.000	327.000	13.000	79.000	0.600	536.000	9.180	79.000
	4	393.50	394.50	1.00	----	-----	6440.000	329.000	5.000	180.000	1.200	1244.000	19.140	0.000
CB036	1	41.00	49.00	8.00	----	-----	6447.000	429.375	15.250	332.375	0.587	989.500	18.709	6.375
	2	71.50	80.00	8.50	----	-----	6453.529	623.824	26.118	260.176	1.165	951.118	32.477	22.353
CB057	1	243.50	253.00	9.50	----	-----	6505.926	439.263	31.505	255.242	0.659	1061.853	32.531	9.789
	2	280.00	283.00	3.00	----	-----	6506.000	411.000	25.000	194.000	0.400	2425.000	33.320	0.000
CB113	1	134.00	140.00	6.00	----	-----	5305.367	312.433	30.233	4082.367	0.800	439.167	9.718	20.000
	2	142.00	147.30	5.30	----	-----	5308.434	1036.132	60.774	5000.415	1.643	452.415	18.173	55.340
	3	150.00	155.40	5.40	----	-----	5311.444	846.333	58.000	4068.444	2.400	495.000	18.581	205.333
	4	161.00	181.00	20.00	----	-----	5319.940	476.340	32.340	4605.070	0.743	365.500	12.629	5.900
	5	195.00	197.30	2.30	----	-----	5328.000	504.000	39.000	5296.000	0.700	451.000	12.340	9.000
	6	203.50	209.00	5.50	----	-----	5330.545	338.273	21.455	1796.455	0.473	522.545	9.205	8.455
CB115	1	24.60	28.40	3.80	----	-----	5334.000	903.000	46.000	3228.000	2.000	384.000	14.960	21.000
	2	31.50	34.00	2.50	----	-----	5336.000	535.000	46.000	4193.000	1.100	400.000	15.560	40.000
	3	40.30	44.20	3.90	----	-----	5337.000	724.000	50.000	6308.000	1.100	583.000	17.290	29.000
	4	48.60	55.50	6.90	----	-----	5341.101	457.942	35.493	5293.319	0.603	511.420	12.339	41.362
	5	87.80	90.40	2.60	----	-----	5347.000	417.000	31.000	5141.000	0.600	421.000	11.950	9.000
	6	93.00	100.00	7.00	----	-----	5349.986	460.314	47.229	5605.900	1.264	357.271	14.981	24.857

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	
	7	107.00	109.60	2.60	----	-----	5355.000	538.000	40.000	3650.000	1.100	580.000	15.830	26.000	
	8	115.00	117.00	2.00	----	-----	5358.000	967.000	30.000	2469.000	2.500	305.000	6.510	15.000	
	9	122.00	142.00	20.00	----	-----	5364.605	482.630	56.385	3138.070	2.360	387.115	14.370	31.970	
	10	146.00	177.20	31.20	----	-----	5374.875	486.151	34.343	4138.657	2.196	455.593	13.053	22.654	
	11	179.00	190.60	11.60	----	-----	5383.931	468.293	26.362	5350.655	0.628	449.414	13.895	36.672	
	12	198.00	204.00	6.00	----	-----	5389.500	410.500	15.000	3960.000	0.300	418.500	11.840	23.000	
	13	207.00	217.30	10.30	----	-----	5393.126	436.107	18.126	3252.369	1.075	337.029	14.186	24.184	
	14	249.00	253.00	4.00	----	-----	5402.000	310.000	2.000	105.000	1.400	339.000	11.690	127.000	
CB117	1	157.80	174.40	16.60	----	-----	5414.090	437.783	22.639	3521.639	1.796	506.404	12.634	28.687	
	2	181.00	194.20	13.20	----	-----	5421.614	446.970	19.250	4759.689	1.867	502.515	12.395	43.576	
CB118	1	106.30	113.00	6.70	----	-----	5487.925	989.701	27.000	3898.209	4.663	385.881	20.800	16.940	
	2	128.50	130.50	2.00	----	-----	5492.000	1130.000	12.000	69.000	2.600	194.000	3.400	3.000	
CB119	1	61.00	64.00	3.00	----	-----	5531.333	364.667	26.000	1374.333	0.833	754.000	12.167	31.667	
CB120	1	43.20	46.00	2.80	----	-----	5574.000	566.000	15.000	81.000	2.100	844.000	25.510	123.000	28.000
	2	56.60	63.00	6.40	----	-----	5579.625	325.000	19.625	77.250	1.775	275.500	31.181	61.125	25.000
	3	66.00	68.00	2.00	----	-----	5582.000	363.000	20.000	60.000	1.700	171.000	32.150	164.000	26.000
	4	210.90	214.00	3.10	----	-----	5628.000	381.000	50.000	2744.000	2.000	1153.000	18.600	20.000	26.000
	5	217.00	221.00	4.00	----	-----	5630.000	382.000	52.000	3942.000	1.400	1878.000	16.180	19.000	31.000
	6	268.10	271.00	2.90	----	-----	5647.000	301.000	116.000	125.000	0.900	930.000	20.910	15.000	24.000
	7	289.00	292.00	3.00	----	-----	5654.000	301.000	33.000	378.000	0.800	2045.000	17.460	90.000	33.000
	8	345.00	359.00	14.00	----	-----	5673.929	465.929	63.071	3819.857	1.600	1439.786	25.736	39.571	81.857
	9	367.60	370.00	2.40	----	-----	5680.000	364.000	71.000	745.000	1.500	447.000	30.000	101.000	42.000
	10	373.00	376.00	3.00	----	-----	5682.000	363.000	35.000	2078.000	0.800	579.000	17.260	17.000	21.000
	11	389.60	392.00	2.40	----	-----	5688.000	438.000	73.000	773.000	0.900	540.000	22.340	1733.000	21.000

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
CB122	1	106.00	108.00	2.00	----	-----	5823.000	308.000	42.000	147.000	1.900	406.000	11.700	68.000	
CB125	1	146.60	150.50	3.90	----	-----	5089.000	323.000	11.000	5215.000	0.900	544.000	10.080	238.000	
	2	189.70	198.80	9.10	----	-----	5092.659	387.022	17.231	1052.703	0.998	445.033	7.068	101.802	
CB126	1	155.00	157.00	2.00	----	-----	6030.000	434.000	4.000	40.000	0.300	-0.000	-0.000	-0.000	
	2	176.60	186.00	9.40	----	-----	6004.745	392.660	26.915	3547.191	1.030	624.574	8.533	90.702	
CB130	1	131.00	133.00	2.00	----	-----	7000.000	371.000	27.000	115.000	1.200	1580.000	14.410	14.000	
CB131	1	63.00	64.30	1.30	----	-----	7034.000	479.000	8.000	60.000	0.700	583.000	10.190	5.000	
	2	82.00	83.00	1.00	----	-----	7036.000	1555.000	17.000	53.000	1.000	929.000	8.360	58.000	
	3	348.00	348.00	0.00	----	-----	7060.000	314.000	33.000	2288.000	1.200	539.000	3.750	89.000	
CB136	1	98.50	109.90	11.40	----	-----	6324.728	653.184	19.386	331.175	0.166	933.965	16.521	73.702	
	2	141.00	142.40	1.40	----	-----	6331.000	556.000	5.000	101.000	0.000	758.000	13.500	0.000	
	3	155.80	158.80	3.00	----	-----	6336.000	534.000	25.000	5568.000	0.300	541.000	9.060	291.000	
	4	161.40	164.00	2.60	----	-----	6338.000	314.000	13.000	516.000	0.000	560.000	7.410	25.000	
CB137	1	61.70	63.20	1.50	----	-----	6370.000	484.000	28.000	71.000	0.000	472.000	27.190	6.000	
	2	84.50	86.00	1.50	----	-----	6380.000	348.000	16.000	74.000	0.000	1590.000	18.260	24.000	
	3	463.00	466.10	3.10	----	-----	6404.000	402.000	20.000	1874.000	0.200	621.000	6.140	16.000	
CB138	1	34.00	36.00	2.00	----	-----	6460.000	386.000	0.000	33.000	0.700	210.000	1.620	35.000	
CB139	1	408.00	409.30	1.30	----	-----	6535.000	469.000	15.000	151.000	0.200	2418.000	15.920	101.000	
CB140	1	581.00	584.00	3.00	----	-----	8008.000	321.000	6.000	2004.000	0.700	490.000	19.530	27.000	
	2	589.00	591.00	2.00	----	-----	8010.000	521.000	11.000	3149.000	1.100	426.000	19.720	36.000	
	3	593.30	598.10	4.80	----	-----	8011.646	356.250	16.396	2023.875	0.277	400.979	13.031	17.937	
	4	606.00	614.00	8.00	----	-----	8014.700	348.800	0.400	159.900	0.080	464.600	12.566	77.900	
CB141	1	517.70	521.20	3.50	----	-----	8018.514	568.543	6.429	2824.429	0.943	351.686	23.105	37.514	
	2	522.70	536.00	13.30	----	-----	8023.594	874.120	9.714	3071.414	1.805	261.391	27.060	74.128	

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
CB142	1	67.50	70.00	2.50	----	-----	8028.000	382.000	4.000	101.000	2.400	751.000	14.210	1673.000
	2	131.00	134.30	3.30	----	-----	8037.000	340.000	14.000	188.000	0.500	273.000	28.960	41.000

IV. SUMMARY OF AVERAGED ASSAY INTERVALS

- FE >15.00%

** BOPSUPV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Fe>15.00%

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	
CB027	1	275.50	278.50	3.00	----	-----	5124.000	102.000	21.000	182.000	1.900	458.000	20.450	15.000	
CB028	1	48.20	52.90	4.70	----	-----	5126.000	358.000	14.000	2421.000	0.900	562.000	16.300	17.000	
	2	304.00	306.00	2.00	----	-----	5160.000	112.000	27.000	198.000	0.600	776.000	24.700	14.000	
CB032	1	76.30	79.40	3.10	----	-----	5229.000	672.000	17.000	2414.000	1.500	491.000	15.430	44.000	
	2	379.00	382.00	3.00	----	-----	5250.000	49.000	23.000	136.000	0.900	503.000	16.240	51.000	
CB035	1	176.70	178.00	1.30	----	-----	5460.000	580.000	41.000	5314.000	2.200	796.000	16.150	23.000	-0.000
	2	182.50	185.70	3.20	----	-----	5463.000	648.000	35.000	4109.000	2.000	336.000	15.580	66.000	-0.000
	3	264.00	267.00	3.00	----	-----	5478.000	700.000	52.000	4708.000	7.400	817.000	19.100	40.000	15.000
CB036	1	140.00	142.00	2.00	----	-----	5500.000	1130.000	47.000	310.000	3.400	893.000	30.000	35.000	9.000
	2	336.00	339.50	3.50	----	-----	5521.000	828.000	31.000	3900.000	2.600	704.000	19.200	23.000	-0.000
CB040	1	180.00	181.40	1.40	----	-----	5836.000	12.000	6.000	137.000	0.800	408.000	17.030	0.000	0.000
	2	183.00	188.00	5.00	----	-----	5838.600	639.200	4.400	353.000	0.760	287.000	16.080	0.000	120.000
	3	191.00	194.00	3.00	----	-----	5841.000	459.000	6.000	366.000	1.400	504.000	16.980	0.000	69.000
CB041	1	42.00	45.00	3.00	----	-----	5850.000	605.000	2.000	221.000	0.600	265.000	16.420	0.000	28.000
	2	48.00	60.00	12.00	----	-----	5854.500	605.833	4.833	129.500	0.917	144.833	19.232	1.667	5.500
	3	64.00	70.30	6.30	----	-----	5861.048	351.111	4.270	74.905	0.532	189.286	18.084	1.270	7.048
	4	78.00	88.20	10.20	----	-----	5868.020	376.588	3.726	62.294	0.559	152.961	17.541	0.431	3.451
	5	90.00	104.00	14.00	----	-----	5875.000	36.714	6.286	63.857	0.543	109.286	20.981	3.571	0.857
	6	106.00	110.00	4.00	----	-----	5880.500	188.500	5.000	1005.000	0.750	181.000	17.445	1.000	4.000
CB043	1	101.30	103.00	1.70	----	-----	5010.000	553.000	9.000	64.000	1.300	100.000	18.100	0.000	15.000
	2	109.80	116.00	6.20	----	-----	5013.484	108.065	4.129	82.903	0.500	109.226	15.310	0.000	0.000
	3	119.00	121.50	2.50	----	-----	5016.480	503.320	4.480	127.920	1.188	182.720	16.276	0.000	0.000
CB044	1	208.00	210.00	2.00	----	-----	5064.000	290.000	8.000	98.000	1.200	259.000	17.100	0.000	6.000

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
	2	212.00	220.00	8.00	----	-----	5067.550	124.700	6.100	108.400	0.825	157.450	17.149	0.000	33.950
CB048	1	87.80	92.30	4.50	----	-----	7020.000	251.000	46.000	825.000	1.300	495.000	19.410	93.000	
CB050	1	58.80	61.00	2.20	----	-----	7081.000	972.000	85.000	4036.000	2.400	851.000	22.530	51.000	
CB052	1	226.70	230.00	3.30	----	-----	6262.000	694.000	55.000	1642.000	2.700	2740.000	16.070	41.000	
CB054	1	15.00	16.60	1.60	----	-----	6314.000	379.000	51.000	2186.000	0.500	1480.000	17.840	20.000	
	2	18.50	20.00	1.50	----	-----	6316.000	486.000	38.000	1024.000	0.000	754.000	20.350	62.000	
CB055	1	36.00	51.00	15.00	----	-----	6407.000	84.000	13.000	67.667	0.000	242.333	18.533	10.667	
	2	206.00	208.10	2.10	----	-----	6430.000	388.000	9.000	88.000	0.000	358.000	15.620	0.000	
	3	223.40	226.20	2.80	----	-----	6436.000	143.000	8.000	71.000	1.000	1348.000	19.180	9.000	
	4	393.50	394.50	1.00	----	-----	6440.000	329.000	5.000	180.000	1.200	1244.000	19.140	0.000	
CB056	1	41.00	49.00	8.00	----	-----	6447.000	429.375	15.250	393.375	0.587	989.500	19.709	6.375	
	2	71.50	80.00	8.50	----	-----	6453.529	623.824	26.118	260.176	1.165	851.118	32.477	22.353	
CB057	1	231.50	233.00	1.50	----	-----	6497.000	276.000	12.000	448.000	0.800	1699.000	23.050	14.000	
	2	243.50	253.00	9.50	----	-----	6505.926	439.263	31.505	255.242	0.659	1061.853	32.531	9.789	
	3	280.00	283.00	3.00	----	-----	6506.000	411.000	25.000	194.000	0.400	2425.000	33.320	0.000	
CB115	1	142.00	147.30	5.30	----	-----	5308.434	1036.132	60.774	5000.415	1.643	452.415	18.173	55.340	
	2	150.00	155.40	5.40	----	-----	5311.444	846.333	58.000	4068.444	2.400	495.000	18.581	205.333	
	3	178.00	181.00	3.00	----	-----	5323.000	759.000	29.000	4114.000	1.100	347.000	15.660	12.000	
CB116	1	31.50	34.00	2.50	----	-----	5336.000	535.000	46.000	4198.000	1.100	400.000	15.560	40.000	
	2	40.30	44.20	3.90	----	-----	5337.000	724.000	50.000	6308.000	1.100	583.000	17.290	29.000	
	3	50.90	52.50	1.60	----	-----	5341.000	503.000	38.000	6973.000	0.700	508.000	15.090	80.000	
	4	95.10	100.00	4.90	----	-----	5350.408	517.020	54.612	6416.286	1.635	379.673	16.422	25.224	
	5	107.00	109.60	2.60	----	-----	5355.000	538.000	40.000	3650.000	1.100	580.000	15.830	26.000	
	6	122.00	127.00	5.00	----	-----	5361.420	558.520	41.740	1487.680	4.940	432.660	16.431	36.880	

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	
	7	131.00	134.00	3.00	----	-----	5365.000	472.000	41.000	2697.000	1.100	265.000	16.960	19.000	
	8	156.00	158.20	2.20	----	-----	5373.000	622.000	51.000	5643.000	4.700	380.000	19.030	43.000	
	9	161.00	166.00	5.00	----	-----	5375.400	707.200	46.600	3632.200	3.220	484.400	17.902	31.600	
	10	179.00	182.00	3.00	----	-----	5382.000	463.000	38.000	4582.000	0.600	395.000	16.060	67.000	
	11	213.00	217.30	4.30	----	-----	5394.000	513.000	19.000	1058.000	0.900	268.000	16.560	37.000	
CB117	1	157.80	160.00	2.20	----	-----	5411.000	713.000	39.000	2444.000	3.100	410.000	16.390	37.000	
CB118	1	106.30	113.00	6.70	----	-----	5487.925	989.701	27.000	3898.209	4.663	385.881	20.800	16.940	
CB120	1	39.70	48.00	8.30	----	-----	5573.819	367.145	21.265	61.120	2.028	462.614	27.597	62.458	13.241
	2	53.60	68.00	14.40	----	-----	5579.903	294.653	22.333	69.958	1.629	272.444	31.594	83.694	25.139
	3	73.00	76.00	3.00	----	-----	5584.000	156.000	9.000	69.000	1.200	366.000	17.340	943.000	15.000
	4	99.00	102.00	3.00	----	-----	5593.000	260.000	24.000	55.000	2.300	370.000	22.020	1006.000	0.000
	5	108.90	111.00	2.10	----	-----	5596.000	250.000	8.000	60.000	2.300	669.000	23.570	9.000	24.000
	6	117.00	120.30	3.30	----	-----	5599.000	235.000	18.000	201.000	1.900	974.000	20.890	76.000	37.000
	7	143.00	146.00	3.00	----	-----	5606.000	208.000	8.000	970.000	0.800	1553.000	19.080	28.000	5.000
	8	151.80	160.00	8.20	----	-----	5609.488	233.415	15.049	320.854	1.805	993.707	22.351	41.073	0.000
	9	173.00	176.00	3.00	----	-----	5615.000	168.000	29.000	419.000	1.100	923.000	15.400	174.000	5.000
	10	181.70	183.70	2.00	----	-----	5618.000	272.000	35.000	9688.000	1.300	457.000	17.800	20.000	7.000
	11	208.00	221.00	13.00	----	-----	5628.623	323.000	48.023	2985.815	2.111	1400.846	19.213	48.377	24.362
	12	246.70	249.50	2.80	----	-----	5640.000	202.000	29.000	270.000	0.600	1383.000	17.570	22.000	31.000
	13	253.00	262.00	9.00	----	-----	5643.000	194.667	27.667	249.667	0.533	1987.667	16.077	50.333	33.000
	14	265.00	274.00	9.00	----	-----	5646.989	228.033	51.567	136.933	0.696	1493.756	18.252	29.500	21.567
	15	280.00	283.00	3.00	----	-----	5651.000	183.000	28.000	279.000	0.700	2063.000	19.400	6.000	33.000
	16	289.00	292.00	3.00	----	-----	5654.000	301.000	33.000	378.000	0.800	2045.000	17.460	90.000	33.000
	17	345.00	359.00	14.00	----	-----	5673.929	465.929	63.071	3819.857	1.600	1439.786	25.736	39.571	81.857

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
	18	365.00	383.70	18.70	----	-----	5681.925	255.385	37.979	872.171	0.859	650.053	19.733	115.182	52.818
	19	386.40	394.00	7.60	----	-----	5687.842	332.737	95.368	2131.421	0.679	824.947	18.752	2769.684	114.842
CB121	1	210.00	212.20	2.20	----	-----	5706.000	89.000	20.000	187.000	0.600	293.000	15.990	121.000	
	2	222.50	226.00	3.50	----	-----	5710.000	136.000	15.000	559.000	0.500	135.000	19.660	8.000	
	3	239.00	250.00	11.00	----	-----	5717.455	95.818	15.000	1088.091	0.564	150.455	17.936	165.364	
	4	257.00	259.00	2.00	----	-----	5722.000	96.000	6.000	769.000	0.300	255.000	16.610	6.000	
CB123	1	267.60	280.30	12.70	----	-----	5921.465	102.331	12.236	415.858	2.346	251.063	18.729	24.244	
	2	284.50	287.30	2.80	----	-----	5925.000	116.000	24.000	512.000	3.900	634.000	19.630	14.000	
	3	298.00	306.00	8.00	----	-----	5929.500	132.500	10.500	499.500	2.400	437.000	18.250	10.000	
	4	329.00	346.00	17.00	----	-----	5941.059	110.176	6.412	652.294	3.588	370.176	16.715	2.412	
	5	352.00	356.00	4.00	----	-----	5946.000	101.000	4.000	247.000	1.500	467.000	15.050	0.000	
	6	362.00	376.00	14.00	----	-----	5950.500	124.000	7.643	572.143	3.350	528.643	18.065	14.571	
CB124	1	506.00	508.00	2.00	----	-----	5043.000	177.000	13.000	99.000	2.600	119.000	17.930	0.000	
CB130	1	129.00	131.00	2.00	----	-----	6099.000	194.000	27.000	87.000	1.100	1060.000	15.040	4.000	
CB131	1	232.80	235.00	2.20	----	-----	7057.000	278.000	25.000	174.000	1.400	686.000	16.740	21.000	
CB132	1	124.00	128.10	4.10	----	-----	6209.512	201.341	46.122	253.854	1.805	4540.976	22.238	47.390	
CB133	1	121.00	131.30	10.30	----	-----	6247.738	119.068	42.689	461.951	1.619	287.282	21.964	148.816	
CB136	1	98.50	101.60	3.10	----	-----	6323.000	568.000	19.000	608.000	0.100	776.000	15.460	83.000	
	2	104.00	106.00	2.00	----	-----	6325.000	1154.000	35.000	283.000	0.200	939.000	25.100	13.000	
	3	108.30	109.90	1.60	----	-----	6327.000	649.000	13.000	267.000	0.000	1150.000	17.450	54.000	
CB137	1	61.70	63.20	1.50	----	-----	6370.000	484.000	28.000	71.000	0.000	472.000	27.190	6.000	
	2	83.60	86.00	2.40	----	-----	6379.625	246.375	20.125	121.625	0.000	1481.250	20.011	24.000	
	3	333.70	337.00	3.30	----	-----	6391.000	255.000	22.000	238.000	0.000	887.000	15.300	24.000	
CB138	1	150.00	154.00	4.00	----	-----	6465.500	149.500	24.000	71.500	0.750	1325.500	29.355	246.500	

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
	2	156.00	159.00	3.00	----	-----	6468.000	77.000	9.000	59.000	0.200	1526.000	19.240	192.000
	3	162.00	173.00	11.00	----	-----	6471.818	47.273	14.636	51.364	0.436	2295.909	20.200	160.545
	4	176.50	191.50	15.00	----	-----	6478.013	143.513	16.733	100.187	0.679	1091.587	30.868	661.700
	5	205.00	208.50	3.50	----	-----	6488.000	107.000	5.000	142.000	0.000	920.000	17.120	24.000
	6	217.30	220.00	2.70	----	-----	6491.000	291.000	0.000	89.000	0.200	826.000	23.740	73.000
CB139	1	133.00	136.00	3.00	----	-----	6515.000	94.000	26.000	120.000	0.300	2278.000	15.790	56.000
	2	179.00	180.00	1.00	----	-----	6519.000	225.000	17.000	64.000	0.600	723.000	26.110	24.000
	3	341.00	346.00	5.00	----	-----	6523.000	259.000	10.000	65.000	0.100	2632.000	16.090	112.000
	4	403.00	406.00	3.00	----	-----	6532.533	74.867	6.400	64.333	0.093	1629.667	18.478	236.933
	5	408.00	409.30	1.30	----	-----	6535.000	469.000	15.000	151.000	0.200	2418.000	15.920	101.000
CB140	1	581.00	591.00	10.00	----	-----	8008.900	328.500	7.500	3207.500	0.780	410.700	19.383	38.300
	2	595.00	598.10	3.10	----	-----	8012.000	352.000	4.000	2264.000	0.100	441.000	16.300	19.000
	3	606.00	610.00	4.00	----	-----	8014.000	304.000	0.000	131.000	0.000	469.000	15.030	114.000
CB141	1	517.70	521.20	3.50	----	-----	8018.514	568.543	6.429	2824.429	0.943	351.686	23.105	37.514
	2	522.70	536.00	13.30	----	-----	8023.594	874.120	9.714	3071.414	1.805	261.391	27.060	74.128
CB142	1	106.50	109.00	2.50	----	-----	8033.000	126.000	10.000	85.000	1.500	736.000	15.510	359.000
	2	125.00	137.00	12.00	----	-----	8036.208	252.467	18.625	158.250	0.716	692.033	25.210	106.558
	3	149.00	153.00	4.00	----	-----	8044.000	107.000	0.000	55.000	0.200	1102.000	15.330	129.000
	4	162.00	181.00	19.00	----	-----	8050.142	67.921	0.000	67.526	0.043	1038.300	16.938	5288.021
	5	192.00	195.60	3.60	----	-----	8059.000	174.000	11.000	208.000	0.400	558.000	16.160	1864.000
	6	214.00	218.00	4.00	----	-----	8065.325	174.525	8.025	422.375	0.403	908.300	19.621	312.500

V. SUMMARY OF AVERAGED ASSAY INTERVALS

- CU/CU+ZN RATIOS

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Cu/Cu+ZN

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
CB027	1	73.00	77.50	4.50	----	-----	212.111	1552.111	0.130
	2	84.70	85.80	1.10	----	-----	412.000	973.000	0.297
	3	93.50	98.00	4.50	----	-----	193.556	915.444	0.249
	4	105.40	107.30	1.90	----	-----	413.000	3319.000	0.111
	5	116.50	118.50	2.00	----	-----	240.000	160.000	0.600
	6	130.50	132.00	1.50	----	-----	60.000	442.000	0.120
	7	153.00	198.00	45.00	----	-----	191.782	1253.009	0.147
	8	226.00	231.50	5.50	----	-----	27.000	72.000	0.273
	9	265.00	268.70	3.70	----	-----	20.000	421.000	0.045
	10	275.50	278.50	3.00	----	-----	102.000	182.000	0.359
CB[illegible]	1	45.70	52.90	7.20	----	-----	259.736	1628.639	0.206
	2	85.00	91.80	6.80	----	-----	271.235	2871.824	0.128
	3	95.00	97.50	2.50	----	-----	610.000	117.000	0.839
	4	113.00	116.00	3.00	----	-----	59.000	53.000	0.527
	5	118.00	120.00	2.00	----	-----	242.000	3122.000	0.072
	6	122.00	123.90	1.90	----	-----	82.000	353.000	0.189
	7	127.00	130.50	3.50	----	-----	185.000	1034.000	0.152
	8	158.10	180.50	22.40	----	-----	142.317	859.103	0.298
	9	191.00	255.00	64.00	----	-----	175.537	1097.123	0.178
	10	302.00	315.00	13.00	----	-----	52.846	209.962	0.183
CB029	1	27.50	39.20	11.70	----	-----	82.752	315.325	0.254
	2	77.90	81.60	3.70	----	-----	197.000	95.000	0.675
	3	136.00	139.20	3.20	----	-----	131.500	795.625	0.240
	4	146.00	149.20	3.20	----	-----	156.000	117.000	0.571

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	5	184.50	232.00	47.50	----	-----	192.669	1342.421	0.152
	6	425.00	435.10	10.10	----	-----	27.911	165.594	0.142
	7	439.80	439.80	0.00	----	-----	13.000	135.000	0.088
CB030	1	10.40	12.50	2.10	----	-----	29.000	11.000	0.725
	2	26.00	60.00	34.00	----	-----	150.447	577.382	0.405
	3	131.40	136.00	4.60	----	-----	187.000	1037.000	0.153
	4	153.20	156.00	2.80	----	-----	46.000	238.000	0.162
	5	160.00	168.00	8.00	----	-----	541.000	2715.500	0.164
	6	173.50	189.00	15.50	----	-----	140.497	949.277	0.144
CB031	1	32.80	48.20	15.40	----	-----	144.188	1247.273	0.119
	2	73.60	91.00	17.40	----	-----	209.701	1333.282	0.189
	3	165.00	188.50	23.50	----	-----	161.230	912.983	0.168
CB032	1	47.90	68.00	20.10	----	-----	229.836	1951.498	0.182
	2	76.30	93.00	16.70	----	-----	227.090	1839.713	0.170
	3	103.00	110.00	7.00	----	-----	555.286	5659.143	0.106
	4	131.50	388.40	256.90	----	-----	32.855	235.832	0.432
	5	552.60	556.00	3.40	----	-----	64.000	124.000	0.340
	6	567.60	574.00	6.40	----	-----	154.500	142.125	0.491
CB033	1	131.70	188.00	56.30	----	-----	269.057	2012.877	0.139
	2	204.50	207.60	3.10	----	-----	104.000	368.000	0.220
	3	212.40	223.30	10.90	----	-----	136.330	355.688	0.422
	4	232.00	253.20	21.20	----	-----	169.014	1156.750	0.140
	5	257.80	296.00	38.20	----	-----	260.513	1860.257	0.148
CB034	1	76.90	79.00	2.10	----	-----	200.000	1044.000	0.161

** BORSURV **

SUM INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	2	81.60	84.20	2.60	----	-----	276.000	1771.000	0.135
	3	95.00	96.90	1.90	----	-----	121.000	616.000	0.164
	4	100.50	113.20	12.70	----	-----	306.803	847.591	0.291
	5	141.00	151.00	10.00	----	-----	151.200	1060.400	0.128
CB035	1	20.00	23.00	3.00	----	-----	127.000	506.000	0.201
	2	32.00	40.00	8.00	----	-----	202.562	1085.875	0.152
	3	52.00	59.00	7.00	----	-----	227.714	1415.286	0.139
	4	105.00	148.00	43.00	----	-----	357.916	1941.998	0.230
	5	150.40	161.30	10.90	----	-----	362.615	2362.028	0.336
	6	174.00	199.70	25.70	----	-----	330.977	2098.381	0.157
	7	207.80	210.20	2.40	----	-----	282.000	2303.000	0.109
	8	212.50	215.00	2.50	----	-----	268.000	148.000	0.644
	9	237.80	287.00	49.20	----	-----	240.632	1273.280	0.174
	10	294.00	296.00	2.00	----	-----	109.000	533.000	0.170
CB036	1	121.70	294.00	172.30	----	-----	48.168	101.318	0.478
	2	327.20	360.00	32.80	----	-----	307.890	1727.396	0.155
	3	372.00	375.00	3.00	----	-----	140.000	955.000	0.128
CB037	1	124.90	169.00	44.10	----	-----	72.882	106.619	0.482
	2	189.00	198.50	9.50	----	-----	118.758	527.842	0.197
	3	211.20	220.40	9.20	----	-----	295.109	2095.533	0.169
	4	236.00	243.30	7.30	----	-----	185.849	1337.411	0.157
CB038	1	252.70	256.50	3.80	----	-----	1176.105	40.500	0.963
	2	259.00	317.00	58.00	----	-----	170.329	114.298	0.400
CB039	1	32.00	150.30	118.30	----	-----	419.591	440.813	0.485

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	2	154.00	194.70	40.70	----	-----	210.243	202.268	0.515
CB040	1	162.00	211.00	49.00	----	-----	339.561	215.063	0.483
CB041	1	38.50	121.60	83.10	----	-----	336.124	370.439	0.537
	2	131.00	133.00	2.00	----	-----	434.000	949.000	0.314
CB042	1	143.00	200.60	57.60	----	-----	587.115	1190.373	0.365
	2	209.40	217.90	8.50	----	-----	718.188	976.129	0.429
	3	226.00	265.00	39.00	----	-----	543.282	1660.410	0.312
CB043	1	86.00	143.10	57.10	----	-----	284.140	119.548	0.648
CB044	1	186.00	199.00	13.00	----	-----	187.769	377.308	0.354
	2	208.00	242.00	34.00	----	-----	173.271	103.847	0.583
CB045	1	91.00	92.50	1.50	----	-----	438.000	85.000	0.837
	2	121.50	123.00	1.50	----	-----	227.000	50.000	0.819
	3	126.00	129.00	3.00	----	-----	75.000	36.000	0.676
	4	135.00	137.00	2.00	----	-----	75.000	113.000	0.399
	5	210.50	212.00	1.50	----	-----	82.000	44.000	0.651
	6	237.40	239.50	2.10	----	-----	316.000	59.000	0.843
	7	243.50	250.70	7.20	----	-----	126.125	44.083	0.739
	8	255.40	267.00	11.60	----	-----	126.069	34.172	0.782
	9	270.00	272.60	2.60	----	-----	99.000	30.000	0.767
	10	274.40	281.40	7.00	----	-----	193.914	100.886	0.709
	11	291.00	292.20	1.20	----	-----	274.000	139.000	0.663
CB046	1	16.00	17.00	1.00	----	-----	170.000	39.000	0.813
	2	24.50	30.40	5.90	----	-----	143.915	1001.627	0.241
	3	38.00	43.50	5.50	----	-----	92.545	104.727	0.460

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	4	57.00	78.80	21.80	----	-----	176.257	788.229	0.230
	5	130.80	132.50	1.70	----	-----	80.000	564.000	0.124
CB047	1	8.50	15.00	6.50	----	-----	96.277	83.708	0.522
	2	70.00	74.70	4.70	----	-----	164.511	349.596	0.340
	3	113.50	121.10	7.60	----	-----	100.750	59.368	0.598
	4	182.50	184.50	2.00	----	-----	628.000	77.000	0.891
	5	188.00	191.40	3.40	----	-----	272.118	1761.529	0.133
CB048	1	0.00	26.00	26.00	----	-----	180.538	113.500	0.613
	2	87.80	95.00	7.20	----	-----	205.250	545.250	0.378
	3	97.70	98.90	1.20	----	-----	307.000	59.000	0.839
	4	169.50	171.00	1.50	----	-----	154.000	119.000	0.564
	5	210.00	215.00	5.00	----	-----	122.100	283.600	0.477
	6	220.50	222.00	1.50	----	-----	46.000	183.000	0.201
	7	245.50	248.00	2.50	----	-----	54.000	765.000	0.066
	8	253.00	262.00	9.00	----	-----	84.222	273.667	0.248
CB049	1	13.00	28.50	15.50	----	-----	45.032	218.419	0.165
	2	44.00	70.80	26.80	----	-----	242.784	1550.015	0.157
CB050	1	42.00	46.20	4.20	----	-----	179.214	842.333	0.312
	2	54.00	166.00	112.00	----	-----	43.494	179.322	0.471
	3	177.00	179.40	2.40	----	-----	50.000	247.000	0.168
	4	184.20	199.00	14.80	----	-----	100.284	682.939	0.150
	5	202.00	204.60	2.60	----	-----	44.000	149.000	0.228
CB051	1	59.00	76.00	17.00	----	-----	228.294	1612.565	0.249
	2	189.30	199.50	10.20	----	-----	58.039	197.078	0.225

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	3	280.00	285.20	5.20	----	-----	456.077	2431.923	0.154
	4	292.80	302.30	9.50	----	-----	139.400	708.789	0.152
	5	309.70	323.00	13.30	----	-----	194.669	1676.910	0.166
	6	355.00	358.30	3.30	----	-----	14.000	71.000	0.165
	7	404.00	421.00	17.00	----	-----	37.824	130.824	0.248
CB052	1	403.00	405.00	2.00	----	-----	154.000	30.000	0.837
	2	131.00	136.00	5.00	----	-----	170.000	24.000	0.876
	3	223.30	315.00	91.70	----	-----	74.310	382.747	0.463
	4	355.50	368.00	12.50	----	-----	76.640	104.584	0.452
	5	374.00	403.00	29.00	----	-----	11.948	2.534	0.539
	6	434.30	456.70	22.40	----	-----	208.576	779.795	0.370
	7	466.00	474.00	8.00	----	-----	342.875	1359.250	0.211
	8	486.00	496.00	10.00	----	-----	22.990	94.780	0.201
	9	503.00	503.00	0.00	----	-----	34.000	115.000	0.228
CB053	1	68.10	81.00	12.90	----	-----	180.248	1031.512	0.368
	2	165.00	167.00	2.00	----	-----	43.000	58.000	0.426
	3	173.00	177.50	4.50	----	-----	48.000	200.000	0.194
	4	183.00	204.00	21.00	----	-----	124.514	486.871	0.277
CB054	1	15.00	20.00	5.00	----	-----	300.900	1292.860	0.184
	2	70.30	76.60	6.30	----	-----	155.746	147.206	0.524
	3	82.80	101.50	18.70	----	-----	129.652	222.765	0.289
	4	114.80	141.00	26.20	----	-----	250.595	1536.519	0.159
	5	211.80	216.00	4.20	----	-----	37.000	92.000	0.280
CB055	1	36.00	136.00	100.00	----	-----	108.012	83.299	0.588

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	2	196.00	226.20	30.20	----	-----	98.957	43.060	0.650
	3	232.70	236.20	3.50	----	-----	327.000	79.000	0.805
	4	380.00	394.50	14.50	----	-----	162.724	159.000	0.603
	5	408.00	410.00	2.00	----	-----	143.000	27.000	0.841
CB056	1	0.00	24.00	24.00	----	-----	102.433	98.092	0.596
	2	36.00	51.00	15.00	----	-----	264.333	232.067	0.574
	3	66.00	83.50	17.50	----	-----	386.771	257.914	0.606
	4	174.50	178.50	4.00	----	-----	193.250	47.125	0.806
CB057	1	48.00	51.20	3.20	----	-----	59.000	84.000	0.413
	2	153.50	155.60	2.10	----	-----	223.000	49.000	0.820
	3	227.00	253.00	26.00	----	-----	212.023	174.377	0.508
	4	256.00	283.00	27.00	----	-----	106.111	57.037	0.634
CB115	1	89.00	98.80	9.80	----	-----	125.082	58.878	0.678
	2	102.80	124.30	21.50	----	-----	68.065	70.795	0.515
	3	134.00	209.00	75.00	----	-----	369.599	3014.391	0.139
	4	211.40	218.00	6.60	----	-----	79.667	205.333	0.245
CB116	1	24.60	34.00	9.40	----	-----	536.021	2635.787	0.157
	2	40.30	57.50	17.20	----	-----	443.151	4982.209	0.089
	3	59.50	63.70	4.20	----	-----	132.000	524.000	0.201
	4	66.00	68.50	2.50	----	-----	67.000	722.000	0.085
	5	71.50	75.00	3.50	----	-----	239.000	1337.000	0.152
	6	87.80	258.00	170.20	----	-----	367.925	2760.096	0.228
	7	261.00	280.80	19.80	----	-----	110.854	202.727	0.347
	8	284.60	294.00	9.40	----	-----	84.064	175.447	0.375

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
CB117	1	157.80	194.20	36.40	----	-----	389.709	3706.470	0.102
CB118	1	101.70	116.30	14.60	----	-----	534.103	2283.384	0.279
	2	128.50	130.50	2.00	----	-----	1130.000	69.000	0.942
CB119	1	60.00	64.00	4.00	----	-----	331.000	1186.000	0.256
	2	221.00	224.00	3.00	----	-----	148.000	468.667	0.274
CB120	1	5.00	395.80	390.80	----	-----	171.887	734.716	0.364
	2	399.00	401.00	2.00	----	-----	195.000	152.000	0.562
	3	412.00	417.00	5.00	----	-----	94.600	80.800	0.509
CB121	1	153.40	165.50	12.10	----	-----	37.967	256.231	0.135
	2	167.00	173.50	6.50	----	-----	31.231	212.692	0.136
	3	192.00	194.20	2.20	----	-----	48.000	224.000	0.176
	4	196.90	253.00	56.10	----	-----	51.802	522.866	0.100
	5	255.00	263.00	8.00	----	-----	56.062	497.375	0.102
	6	264.00	270.50	6.50	----	-----	23.000	50.000	0.315
CB122	1	35.80	38.00	2.20	----	-----	89.000	167.000	0.348
	2	87.00	89.00	2.00	----	-----	61.000	124.000	0.330
	3	98.70	113.10	14.40	----	-----	106.250	253.611	0.283
	4	200.00	202.00	2.00	----	-----	102.000	154.000	0.398
	5	353.50	356.50	3.00	----	-----	71.000	340.000	0.173
	6	419.00	419.00	0.00	----	-----	37.000	118.000	0.239
CB123	1	138.40	196.00	57.60	----	-----	63.750	263.467	0.213
	2	225.50	290.00	64.50	----	-----	54.642	356.346	0.174
	3	295.30	396.00	100.70	----	-----	88.661	573.578	0.166
	4	402.00	412.00	10.00	----	-----	44.600	286.300	0.142

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	5	424.00	426.00	2.00	----	-----	21.000	72.000	0.226
	6	429.00	433.70	4.70	----	-----	23.000	158.000	0.127
CB124	1	220.90	225.80	4.90	----	-----	49.735	110.959	0.301
	2	229.00	233.60	4.60	----	-----	44.000	142.000	0.237
	3	236.00	248.00	12.00	----	-----	33.833	139.250	0.202
	4	249.40	253.80	4.40	----	-----	28.000	151.000	0.156
	5	255.80	262.00	6.20	----	-----	35.177	99.903	0.254
	6	483.00	490.00	7.00	----	-----	14.386	54.914	0.208
	7	491.40	501.00	9.60	----	-----	60.187	154.354	0.300
	8	504.00	542.50	38.50	----	-----	59.506	513.221	0.176
CB125	1	115.70	130.70	15.00	----	-----	94.880	467.167	0.216
	2	134.50	152.00	17.50	----	-----	187.486	1583.400	0.226
	3	189.70	198.80	9.10	----	-----	387.022	1052.703	0.328
	4	217.50	224.80	7.30	----	-----	115.425	614.164	0.253
	5	228.80	231.80	3.00	----	-----	40.000	102.000	0.282
	6	233.00	234.00	1.00	----	-----	267.000	2308.000	0.104
CB126	1	119.40	121.20	1.80	----	-----	87.000	144.000	0.377
	2	142.40	148.60	6.20	----	-----	159.000	29.000	0.837
	3	152.00	153.00	1.00	----	-----	222.000	41.000	0.844
	4	155.00	186.00	31.00	----	-----	186.758	1249.077	0.213
	5	200.50	203.00	2.50	----	-----	142.000	445.000	0.242
	6	212.20	215.80	3.60	----	-----	90.000	120.000	0.429
	7	217.00	217.00	0.00	----	-----	25.000	31.000	0.446
CB127	1	97.00	101.40	4.40	----	-----	103.000	638.000	0.139

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	2	114.00	116.00	2.00	----	-----	34.000	170.000	0.167
	3	202.10	233.00	30.90	----	-----	41.100	159.715	0.259
	4	241.50	250.00	8.50	----	-----	30.412	91.706	0.249
	5	256.00	261.00	5.00	----	-----	60.880	365.800	0.191
	6	266.00	273.50	7.50	----	-----	30.640	77.373	0.283
CB128	1	48.00	58.00	10.00	----	-----	85.850	511.850	0.155
	2	80.80	92.50	11.70	----	-----	127.034	729.137	0.161
	3	96.00	100.10	4.10	----	-----	24.000	62.000	0.279
	4	134.00	141.00	7.00	----	-----	30.000	95.000	0.239
CB129	1	84.00	86.00	2.00	----	-----	141.000	915.000	0.134
	2	104.00	106.20	2.20	----	-----	48.000	381.000	0.112
	3	115.50	122.20	6.70	----	-----	124.612	1453.313	0.094
	4	124.50	130.30	5.80	----	-----	75.431	367.379	0.214
CB130	1	47.00	48.00	1.00	----	-----	273.000	43.000	0.864
	2	51.20	52.20	1.00	----	-----	298.000	81.000	0.786
	3	55.00	56.00	1.00	----	-----	165.000	78.000	0.679
	4	129.00	133.00	4.00	----	-----	282.500	101.000	0.727
	5	216.00	237.00	21.00	----	-----	71.938	127.205	0.356
	6	256.50	259.00	2.50	----	-----	107.000	38.000	0.738
	7	298.00	302.00	4.00	----	-----	80.500	91.000	0.442
	8	313.00	316.00	3.00	----	-----	28.000	94.000	0.230
	9	322.00	325.00	3.00	----	-----	26.000	173.000	0.131
	10	330.00	332.00	2.00	----	-----	39.000	228.000	0.146
	11	339.50	342.00	2.50	----	-----	24.000	91.000	0.209

** BORSURV **

SUM NTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	12	345.00	346.00	1.00	----	-----	83.000	567.000	0.128
	13	347.50	349.00	1.50	----	-----	60.000	212.000	0.221
	14	444.50	447.30	2.80	----	-----	146.000	788.000	0.156
CB131	1	18.30	21.80	3.50	----	-----	35.857	71.314	0.333
	2	63.00	67.00	4.00	----	-----	206.300	37.050	0.790
	3	82.00	123.00	41.00	----	-----	66.390	8.317	0.584
	4	141.50	148.50	7.00	----	-----	106.929	95.857	0.543
	5	151.50	156.00	4.50	----	-----	116.000	38.000	0.753
	6	163.50	200.00	36.50	----	-----	95.512	41.025	0.702
	7	215.50	235.00	19.50	----	-----	110.451	56.282	0.646
	8	253.70	255.00	1.30	----	-----	32.000	83.000	0.278
	9	283.00	285.00	2.00	----	-----	63.000	117.000	0.350
	10	348.00	348.00	0.00	----	-----	314.000	2288.000	0.121
CB132	1	78.00	140.00	62.00	----	-----	113.318	56.656	0.698
	2	179.00	182.50	3.50	----	-----	164.000	28.000	0.854
CB133	1	119.00	138.00	19.00	----	-----	116.321	324.000	0.334
	2	147.00	149.00	2.00	----	-----	34.000	117.000	0.225
	3	155.50	163.80	8.30	----	-----	24.892	234.807	0.123
	4	171.00	176.00	5.00	----	-----	26.000	94.000	0.217
	5	180.20	183.00	2.80	----	-----	17.000	64.000	0.210
	6	199.50	201.60	2.10	----	-----	90.000	240.000	0.273
CB134	1	100.00	112.50	12.50	----	-----	49.680	213.160	0.197
CB135	1	96.00	108.00	12.00	----	-----	175.225	140.933	0.553
	2	128.50	132.50	4.00	----	-----	178.000	95.000	0.652

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	3	133.10	144.50	11.40	----	-----	208.728	131.368	0.614
CB136	1	60.00	63.00	3.00	----	-----	179.000	30.000	0.856
	2	68.60	72.70	4.10	----	-----	142.000	740.000	0.161
	3	88.00	114.50	26.50	----	-----	373.951	367.355	0.571
	4	136.90	164.00	27.10	----	-----	268.111	848.280	0.565
CB137	1	17.00	24.00	7.00	----	-----	150.429	62.429	0.711
	2	37.00	46.00	9.00	----	-----	214.556	24.889	0.894
	3	51.00	86.00	35.00	----	-----	117.457	38.706	0.692
	4	266.00	270.20	4.20	----	-----	96.143	112.857	0.435
	5	274.00	275.00	1.00	----	-----	120.000	46.000	0.723
	6	291.00	294.00	3.00	----	-----	97.000	30.000	0.764
	7	296.00	297.50	1.50	----	-----	179.000	35.000	0.836
	8	313.80	317.50	3.70	----	-----	133.000	53.000	0.715
	9	325.50	373.20	47.70	----	-----	44.618	129.352	0.362
	10	435.00	442.50	7.50	----	-----	60.200	347.667	0.249
	11	445.00	451.00	6.00	----	-----	103.333	204.000	0.366
	12	453.30	468.00	14.70	----	-----	162.782	496.082	0.452
CB138	1	31.00	36.00	5.00	----	-----	191.600	28.800	0.791
	2	136.00	138.00	2.00	----	-----	139.000	28.000	0.832
	3	141.50	210.00	68.50	----	-----	79.480	61.537	0.558
	4	214.00	222.00	8.00	----	-----	162.475	74.375	0.647
CB139	1	130.00	141.00	11.00	----	-----	69.909	104.455	0.398
	2	176.00	255.20	79.20	----	-----	28.523	12.861	0.534
	3	341.00	360.80	19.80	----	-----	179.222	36.505	0.838

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT OneMan Lake

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	Cu(ppm)	Zn(ppm)	Cu/Cu+Zn
	4	382.60	386.50	3.90	----	-----	63.000	39.000	0.618
	5	389.50	398.60	9.10	----	-----	57.286	28.341	0.656
	6	400.50	402.10	1.60	----	-----	66.000	44.000	0.600
	7	403.00	409.30	6.30	----	-----	141.635	89.413	0.440
CB140	1	454.00	473.00	19.00	----	-----	159.105	535.705	0.342
	2	475.00	486.00	11.00	----	-----	51.091	76.818	0.396
	3	572.00	579.30	7.30	----	-----	82.795	82.151	0.495
	4	581.00	591.00	10.00	----	-----	328.500	3207.500	0.100
	5	593.30	598.10	4.80	----	-----	356.250	2023.875	0.153
	6	602.70	614.00	11.30	----	-----	317.611	184.752	0.632
CB141	1	512.80	514.50	1.70	----	-----	138.000	123.000	0.529
	2	517.70	536.00	18.30	----	-----	762.798	3001.601	0.203
CB142	1	57.50	59.50	2.00	----	-----	264.000	110.000	0.706
	2	67.50	70.00	2.50	----	-----	382.000	101.000	0.791
	3	76.50	78.30	1.80	----	-----	114.000	86.000	0.570
	4	82.00	84.00	2.00	----	-----	241.000	117.000	0.673
	5	101.00	109.00	8.00	----	-----	152.375	130.062	0.529
	6	125.00	238.00	113.00	----	-----	89.586	134.875	0.412
	7	243.00	247.70	4.70	----	-----	45.000	212.000	0.175
	8	253.00	262.20	9.20	----	-----	103.185	270.315	0.280
	9	264.70	278.00	13.30	----	-----	66.068	178.158	0.322

VI. SUMMARY OF ALL ASSAYS WITH

CU/CU/ZN RATIOS

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB027

Cu/Cu+ZN

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	73.00	73.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
73.00	74.00	1.00	5101.000	109.000	14.000	529.000	TRACE	299.000	3.370	17.000	0.171
74.00	76.00	2.00	5102.000	227.000	13.000	2072.000	0.800	612.000	7.130	41.000	0.099
76.00	77.50	1.50	5103.000	261.000	83.000	1541.000	0.600	497.000	9.240	56.000	0.145
77.50	84.70	7.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
84.70	85.80	1.10	5104.000	412.000	28.000	973.000	2.600	442.000	7.740	28.000	0.297
85.80	93.50	7.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
93.50	96.00	2.50	5105.000	174.000	30.000	315.000	2.500	231.000	7.030	36.000	0.356
96.00	98.00	2.00	5106.000	218.000	9.000	1666.000	0.100	144.000	5.150	79.000	0.116
98.00	105.40	7.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
105.40	107.30	1.90	5107.000	413.000	26.000	3319.000	0.600	450.000	10.680	52.000	0.111
107.30	116.50	9.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
116.50	118.50	2.00	5108.000	240.000	19.000	160.000	1.400	192.000	6.660	25.000	0.600
118.50	130.50	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
130.50	132.00	1.50	5109.000	60.000	20.000	442.000	1.500	448.000	4.970	226.000	0.120
132.00	153.00	21.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
153.00	155.50	2.50	5110.000	87.000	49.000	503.000	1.300	697.000	5.420	38.000	0.147
155.50	159.50	4.00	5111.000	240.000	28.000	1758.000	1.000	657.000	5.920	69.000	0.120
159.50	164.30	4.80	5112.000	153.000	9.000	649.000	0.300	590.000	6.430	25.000	0.191
164.30	166.00	1.70	5113.000	196.000	135.000	2080.000	1.200	721.000	6.100	80.000	0.086
166.00	169.50	3.50	5114.000	224.000	25.000	1473.000	0.700	670.000	7.370	68.000	0.132
169.50	174.30	4.80	5115.000	214.000	26.000	1644.000	1.500	643.000	8.560	139.000	0.115
174.30	179.00	4.70	5116.000	182.000	17.000	1132.000	0.300	696.000	5.920	155.000	0.139
179.00	184.10	5.10	5117.000	404.000	25.000	2518.000	0.300	565.000	11.050	17.000	0.138
184.10	189.00	4.90	5118.000	249.000	34.000	1782.000	0.700	534.000	7.640	101.000	0.123
189.00	191.00	2.00	5120.000	43.000	9.000	193.000	TRACE	611.000	3.610	26.000	0.182
191.00	196.00	5.00	5121.000	20.000	8.000	108.000	TRACE	416.000	2.410	29.000	0.156
196.00	198.00	2.00	5119.000	126.000	25.000	289.000	1.400	570.000	4.390	39.000	0.304
198.00	226.00	28.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
226.00	231.50	5.50	5122.000	27.000	93.000	72.000	1.100	619.000	3.000	70.000	0.273
231.50	265.00	33.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
265.00	268.70	3.70	5123.000	20.000	34.000	421.000	0.600	190.000	1.540	20.000	0.045
268.70	275.50	6.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
275.50	278.50	3.00	5124.000	102.000	21.000	182.000	1.900	458.000	20.450	15.000	0.359
278.50	396.00	117.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB028

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	45.70	45.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
45.70	48.20	2.50	5125.000	75.000	13.000	139.000	0.500	808.000	6.450	185.000	0.350
48.20	52.90	4.70	5126.000	358.000	14.000	2421.000	0.900	562.000	16.300	17.000	0.129
52.90	85.00	32.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
85.00	88.20	3.20	5127.000	60.000	20.000	274.000	0.400	665.000	5.160	35.000	0.180
88.20	91.80	3.60	5128.000	459.000	42.000	5181.000	0.900	1107.000	13.640	4.000	0.081
91.80	95.00	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
95.00	97.50	2.50	5129.000	610.000	3.000	117.000	0.600	327.000	7.850	89.000	0.839
97.50	113.00	15.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
113.00	116.00	3.00	5130.000	59.000	17.000	53.000	0.300	249.000	2.730	18.000	0.527
116.00	118.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
118.00	120.00	2.00	5131.000	242.000	30.000	3122.000	1.400	661.000	7.500	45.000	0.072
120.00	122.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
122.00	123.90	1.90	5132.000	82.000	14.000	353.000	1.500	286.000	7.770	44.000	0.189
123.90	127.00	3.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
127.00	130.50	3.50	5133.000	185.000	TRACE	1034.000	0.400	261.000	6.370	26.000	0.152
130.50	158.10	27.60	N.S.	N.S.	N.S.	N.S.	N.S.	NIL	N.S.	N.S.	0.500
158.10	159.80	1.70	5134.000	68.000	TRACE	703.000	0.200	372.000	3.190	12.000	0.088
159.80	162.60	2.80	5135.000	519.000	16.000	3238.000	0.900	441.000	13.470	17.000	0.138
162.60	164.50	1.90	5136.000	239.000	29.000	2136.000	0.500	344.000	6.670	96.000	0.101
164.50	166.00	1.50	5137.000	253.000	11.000	2438.000	0.600	430.000	9.270	334.000	0.094
166.00	168.00	2.00	5138.000	58.000	TRACE	187.000	0.200	165.000	2.630	80.000	0.237
168.00	170.00	2.00	5139.000	66.000	4.000	72.000	0.100	222.000	3.390	47.000	0.478
170.00	175.00	5.00	5140.000	58.000	11.000	75.000	0.700	374.000	3.980	38.000	0.436
175.00	180.50	5.50	5141.000	45.000	7.000	68.000	0.400	352.000	3.590	14.000	0.398
180.50	191.00	10.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
191.00	193.70	2.70	5142.000	28.000	16.000	182.000	TRACE	722.000	4.370	20.000	0.133
193.70	196.00	2.30	5143.000	88.000	20.000	293.000	0.400	720.000	10.250	18.000	0.231
196.00	199.60	3.60	5144.000	66.000	18.000	356.000	TRACE	561.000	4.340	28.000	0.156
199.60	203.80	4.20	5145.000	78.000	12.000	375.000	TRACE	809.000	5.070	12.000	0.172
203.80	208.40	4.60	5146.000	53.000	8.000	207.000	TRACE	509.000	3.950	24.000	0.204
208.40	212.80	4.40	5147.000	87.000	10.000	297.000	TRACE	652.000	5.610	28.000	0.227
212.80	217.00	4.20	5148.000	152.000	16.000	849.000	TRACE	720.000	5.580	43.000	0.152
217.00	220.30	3.30	5149.000	174.000	15.000	137.000	0.200	419.000	7.630	158.000	0.559
220.30	224.00	3.70	5150.000	380.000	22.000	2153.000	0.600	842.000	9.190	37.000	0.150
224.00	226.00	2.00	5151.000	180.000	17.000	3173.000	0.700	594.000	10.490	34.000	0.054
226.00	229.00	3.00	5152.000	81.000	15.000	531.000	0.300	726.000	5.630	29.000	0.132
229.00	233.00	4.00	5153.000	260.000	12.000	1482.000	0.900	715.000	9.420	25.000	0.149
233.00	238.00	5.00	5154.000	430.000	34.000	2530.000	0.800	870.000	11.920	18.000	0.145
238.00	242.00	4.00	5155.000	245.000	41.000	2646.000	1.100	829.000	9.430	52.000	0.085
242.00	246.00	4.00	5156.000	498.000	46.000	3222.000	1.300	572.000	9.910	36.000	0.134
246.00	249.00	3.00	5157.000	63.000	22.000	356.000	0.300	590.000	3.550	46.000	0.150
249.00	255.00	6.00	5158.000	32.000	24.000	149.000	0.200	543.000	3.060	57.000	0.177
255.00	302.00	47.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
302.00	304.00	2.00	5159.000	32.000	21.000	166.000	0.200	499.000	3.880	221.000	0.162
304.00	306.00	2.00	5160.000	112.000	27.000	198.000	0.600	776.000	24.700	14.000	0.361
306.00	309.00	3.00	5161.000	20.000	12.000	170.000	0.100	650.000	3.530	24.000	0.105
309.00	311.50	2.50	5162.000	95.000	12.000	297.000	0.200	609.000	13.160	18.000	0.242
311.50	315.00	3.50	5163.000	29.000	8.000	214.000	0.100	808.000	5.910	3.000	0.119
315.00	396.00	81.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB029

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	27.50	27.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
27.50	30.30	2.80	5164.000	180.000	16.000	1015.000	0.600	806.000	9.920	16.000	0.151
30.30	33.20	2.90	5165.000	14.000	TRACE	53.000	0.100	84.000	1.170	TRACE	0.209
33.20	36.00	2.80	5166.000	125.000	10.000	146.000	0.300	414.000	7.060	13.000	0.461
36.00	39.20	3.20	5167.000	23.000	18.000	89.000	0.200	478.000	2.690	91.000	0.205
39.20	77.90	38.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
77.90	81.60	3.70	5168.000	197.000	14.000	95.000	0.400	774.000	4.940	50.000	0.675
81.60	136.00	54.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
136.00	138.00	2.00	5169.000	70.000	10.000	151.000	0.100	405.000	4.210	17.000	0.317
138.00	139.20	1.20	5170.000	234.000	21.000	1870.000	0.700	325.000	9.040	72.000	0.111
139.20	146.00	6.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
146.00	149.20	3.20	5171.000	156.000	3.000	117.000	0.600	139.000	3.130	16.000	0.571
149.20	184.50	35.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
184.50	188.00	3.50	5172.000	217.000	52.000	2096.000	1.100	480.000	5.560	27.000	0.094
188.00	192.00	4.00	5173.000	442.000	29.000	1823.000	0.700	475.000	6.620	17.000	0.195
192.00	195.00	3.00	5174.000	270.000	20.000	1865.000	1.100	435.000	8.150	20.000	0.126
195.00	198.60	3.60	5175.000	118.000	2.000	145.000	0.500	447.000	7.730	41.000	0.449
198.60	203.60	5.00	5176.000	379.000	48.000	2919.000	1.300	366.000	9.190	114.000	0.115
203.60	208.00	4.40	5177.000	115.000	12.000	800.000	0.800	427.000	6.690	35.000	0.126
208.00	213.00	5.00	5178.000	228.000	40.000	1934.000	2.500	381.000	8.990	47.000	0.105
213.00	218.00	5.00	5179.000	98.000	19.000	471.000	0.700	753.000	5.850	34.000	0.172
218.00	222.00	4.00	5180.000	148.000	26.000	1196.000	1.100	798.000	6.450	17.000	0.110
222.00	226.00	4.00	5181.000	153.000	16.000	1793.000	1.200	439.000	4.240	22.000	0.079
226.00	229.30	3.30	5182.000	19.000	8.000	136.000	0.600	183.000	1.050	18.000	0.123
229.30	232.00	2.70	5183.000	34.000	18.000	176.000	TRACE	587.000	3.060	30.000	0.162
232.00	425.00	193.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
425.00	430.00	5.00	5184.000	37.000	17.000	207.000	0.600	508.000	3.160	41.000	0.152
430.00	435.10	5.10	5185.000	19.000	8.000	125.000	TRACE	345.000	2.110	97.000	0.132
435.10	439.80	4.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
439.80	443.00	3.20	5186.000	13.000	36.000	135.000	0.100	423.000	2.050	64.000	0.088

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB030

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	10.40	10.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
10.40	12.50	2.10	5187.000	29.000	6.000	11.000	TRACE	64.000	1.190	9.000	0.725
12.50	26.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
26.00	31.00	5.00	5188.000	71.000	TRACE	30.000	0.600	262.000	3.060	147.000	0.703
31.00	36.00	5.00	5189.000	86.000	5.000	28.000	0.900	297.000	3.720	323.000	0.754
36.00	38.40	2.40	5190.000	86.000	3.000	90.000	0.500	453.000	3.840	87.000	0.489
38.40	40.00	1.60	5191.000	549.000	30.000	2969.000	1.400	768.000	14.940	18.000	0.156
40.00	43.30	3.30	5192.000	195.000	23.000	2753.000	0.900	1024.000	9.610	33.000	0.066
43.30	47.00	3.70	5193.000	337.000	8.000	581.000	0.900	597.000	12.280	17.000	0.367
47.00	51.00	4.00	5194.000	217.000	12.000	536.000	TRACE	702.000	9.280	51.000	0.288
51.00	53.00	2.00	5195.000	167.000	15.000	209.000	0.200	453.000	9.530	126.000	0.444
53.00	57.00	4.00	5196.000	27.000	19.000	98.000	TRACE	500.000	3.500	47.000	0.216
57.00	60.00	3.00	5197.000	15.000	15.000	62.000	0.300	344.000	2.400	23.000	0.195
60.00	131.40	71.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
131.40	136.00	4.60	5198.000	187.000	14.000	1037.000	1.400	589.000	6.900	87.000	0.153
136.00	153.20	17.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
153.20	156.00	2.80	5199.000	46.000	23.000	238.000	0.400	936.000	6.540	19.000	0.162
156.00	160.00	4.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
160.00	164.00	4.00	5200.000	673.000	21.000	2955.000	0.900	466.000	8.700	42.000	0.186
164.00	168.00	4.00	5201.000	409.000	23.000	2476.000	1.100	628.000	8.900	15.000	0.142
168.00	173.50	5.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
173.50	176.00	2.50	5202.000	187.000	20.000	1418.000	1.600	735.000	7.150	89.000	0.117
176.00	178.00	2.00	5203.000	256.000	20.000	1776.000	0.500	462.000	9.690	14.000	0.126
178.00	184.20	6.20	5204.000	173.000	20.000	1141.000	0.600	519.000	6.930	16.000	0.132
184.20	186.40	2.20	5205.000	37.000	7.000	145.000	0.300	144.000	1.660	28.000	0.203
186.40	189.00	2.60	5206.000	17.000	14.000	86.000	0.200	376.000	2.000	6.000	0.165
189.00	326.00	137.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB031

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	32.80	32.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
32.80	35.00	2.20	5207.000	87.000	9.000	435.000	0.500	393.000	3.540	23.000	0.167
35.00	37.50	2.50	5208.000	269.000	26.000	1589.000	0.900	632.000	6.030	35.000	0.145
37.50	41.80	4.30	5209.000	50.000	10.000	547.000	0.300	339.000	4.070	49.000	0.084
41.80	46.20	4.40	5210.000	254.000	48.000	2686.000	0.700	483.000	7.890	31.000	0.086
46.20	48.20	2.00	5211.000	12.000	25.000	54.000	0.300	172.000	1.390	14.000	0.182
48.20	73.60	25.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
73.60	76.70	3.10	5212.000	81.000	15.000	780.000	0.400	535.000	5.010	80.000	0.094
76.70	79.80	3.10	5213.000	259.000	11.000	4235.000	0.800	835.000	12.470	39.000	0.058
79.80	83.00	3.20	5214.000	379.000	14.000	848.000	0.500	366.000	9.750	32.000	0.309
83.00	85.50	2.50	5215.000	97.000	9.000	324.000	0.400	317.000	4.800	45.000	0.230
85.50	88.00	2.50	5216.000	313.000	16.000	1222.000	1.000	350.000	8.750	56.000	0.204
88.00	91.00	3.00	5217.000	119.000	6.000	358.000	0.900	356.000	5.120	55.000	0.249
91.00	165.00	74.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
165.00	169.40	4.40	5218.000	67.000	13.000	205.000	0.200	315.000	4.590	45.000	0.246
169.40	174.20	4.80	5219.000	184.000	23.000	917.000	0.200	596.000	5.650	62.000	0.167
174.20	176.50	2.30	5220.000	245.000	67.000	1317.000	1.300	498.000	5.610	61.000	0.157
176.50	179.40	2.90	5221.000	294.000	48.000	2139.000	1.000	350.000	5.710	44.000	0.121
179.40	183.50	4.10	5222.000	128.000	31.000	723.000	0.900	487.000	5.220	64.000	0.150
183.50	188.50	5.00	5223.000	134.000	37.000	791.000	0.900	454.000	5.940	38.000	0.145

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB032

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	47.90	47.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
47.90	51.50	3.60	5224.000	187.000	13.000	791.000	0.500	552.000	7.230	47.000	0.191
51.50	55.50	4.00	5225.000	313.000	103.000	3250.000	2.600	671.000	8.480	55.000	0.088
55.50	59.50	4.00	5226.000	256.000	65.000	2745.000	1.700	534.000	10.930	72.000	0.085
59.50	64.50	5.00	5227.000	248.000	35.000	2399.000	0.400	463.000	9.550	10.000	0.094
64.50	68.00	3.50	5228.000	123.000	5.000	115.000	0.100	450.000	4.550	22.000	0.517
68.00	76.30	8.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
76.30	79.40	3.10	5229.000	672.000	17.000	2414.000	1.500	491.000	15.430	44.000	0.218
79.40	82.00	2.60	5230.000	45.000	TRACE	101.000	0.100	498.000	4.870	27.000	0.308
82.00	87.00	5.00	5231.000	173.000	4.000	1012.000	0.300	582.000	6.660	163.000	0.146
87.00	90.60	3.60	5232.000	154.000	4.000	4807.000	0.500	389.000	4.860	70.000	0.031
90.60	93.00	2.40	5233.000	72.000	TRACE	255.000	0.200	253.000	3.070	64.000	0.220
93.00	103.00	10.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
103.00	107.00	4.00	5234.000	500.000	57.000	7505.000	1.100	607.000	10.940	7.000	0.062
107.00	110.00	3.00	5235.000	629.000	19.000	3198.000	0.900	818.000	9.170	17.000	0.164
110.00	131.50	21.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
131.50	135.50	4.00	5236.000	90.000	TRACE	112.000	0.100	155.000	2.460	10.000	0.446
135.50	140.50	5.00	5237.000	78.000	9.000	39.000	0.400	228.000	3.280	23.000	0.667
140.50	145.00	4.50	5238.000	49.000	8.000	20.000	0.200	133.000	1.940	21.000	0.710
145.00	150.00	5.00	5239.000	85.000	19.000	269.000	0.200	594.000	5.620	40.000	0.240
150.00	155.00	5.00	5240.000	178.000	35.000	1189.000	1.100	575.000	6.010	60.000	0.130
155.00	160.00	5.00	5241.000	189.000	28.000	1009.000	1.000	742.000	6.990	54.000	0.158
160.00	165.00	5.00	5242.000	224.000	39.000	1244.000	1.300	514.000	7.950	38.000	0.153
165.00	170.00	5.00	5243.000	154.000	32.000	979.000	1.000	644.000	5.640	43.000	0.136
170.00	174.00	4.00	5244.000	231.000	35.000	2072.000	1.300	727.000	9.630	35.000	0.100
174.00	178.00	4.00	5245.000	143.000	29.000	1577.000	0.900	734.000	6.010	70.000	0.083
178.00	181.40	3.40	5246.000	198.000	20.000	3440.000	0.700	662.000	8.330	7.000	0.054
181.40	184.60	3.20	5247.000	74.000	25.000	595.000	0.500	313.000	2.660	18.000	0.111
184.60	186.50	1.90	5248.000	203.000	23.000	3202.000	1.300	476.000	10.160	101.000	0.060
186.50	189.00	2.50	5249.000	36.000	25.000	176.000	0.200	586.000	3.120	84.000	0.170
189.00	379.00	190.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
379.00	382.00	3.00	5250.000	49.000	23.000	136.000	0.900	503.000	16.240	51.000	0.265
382.00	386.00	4.00	5251.000	65.000	7.000	237.000	0.500	493.000	14.680	TRACE	0.215
386.00	388.40	2.40	5252.000	13.000	8.000	136.000	0.200	235.000	1.940	81.000	0.087
388.40	552.60	164.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
552.60	556.00	3.40	5254.000	64.000	7.000	124.000	0.200	398.000	5.120	9.000	0.340
556.00	567.60	11.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
567.60	570.00	2.40	5255.000	67.000	6.000	129.000	0.300	406.000	4.980	9.000	0.342
570.00	574.00	4.00	5256.000	207.000	8.000	150.000	0.500	490.000	9.280	11.000	0.580
574.00	596.00	22.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB033

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	131.70	131.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
131.70	136.00	4.30	5257.000	109.000	18.000	766.000	TRACE	529.000	4.720	27.000	0.125
136.00	141.50	5.50	5258.000	331.000	45.000	3357.000	0.500	709.000	10.380	42.000	0.090
141.50	145.50	4.00	5259.000	103.000	12.000	190.000	TRACE	221.000	3.610	197.000	0.352
145.50	149.60	4.10	5260.000	396.000	59.000	3657.000	0.500	500.000	11.130	30.000	0.098
149.60	152.30	2.70	5261.000	283.000	67.000	3451.000	0.400	543.000	9.510	40.000	0.076
152.30	156.70	4.40	5262.000	60.000	11.000	369.000	TRACE	193.000	2.530	60.000	0.140
156.70	159.30	2.60	5263.000	769.000	91.000	4140.000	1.000	471.000	9.510	26.000	0.157
159.30	164.00	4.70	5264.000	266.000	49.000	1725.000	0.500	436.000	6.880	19.000	0.134
164.00	168.00	4.00	5265.000	502.000	39.000	2501.000	0.200	550.000	7.420	33.000	0.167
168.00	170.00	2.00	5266.000	107.000	17.000	830.000	0.300	648.000	4.690	36.000	0.114
170.00	173.00	3.00	5267.000	228.000	29.000	1988.000	0.400	477.000	9.030	32.000	0.103
173.00	175.50	2.50	5268.000	127.000	20.000	1115.000	TRACE	372.000	5.700	56.000	0.102
175.50	178.00	2.50	5269.000	271.000	31.000	2721.000	0.100	639.000	7.460	36.000	0.091
178.00	180.00	2.00	5270.000	348.000	67.000	3325.000	0.800	620.000	7.810	61.000	0.095
180.00	182.40	2.40	5271.000	478.000	65.000	3180.000	1.100	436.000	9.260	30.000	0.131
182.40	186.00	3.60	5272.000	182.000	29.000	1097.000	1.100	696.000	8.440	37.000	0.142
186.00	188.00	2.00	5273.000	73.000	14.000	276.000	0.600	392.000	4.360	94.000	0.209
188.00	204.50	16.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
204.50	207.60	3.10	5274.000	104.000	16.000	368.000	0.700	391.000	5.720	192.000	0.220
207.60	212.40	4.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
212.40	215.50	3.10	5275.000	255.000	13.000	1029.000	0.500	310.000	4.800	28.000	0.199
215.50	219.80	4.30	5276.000	95.000	2.000	67.000	TRACE	229.000	4.360	76.000	0.586
219.80	223.30	3.50	5277.000	82.000	11.000	114.000	0.700	242.000	3.190	39.000	0.418
223.30	232.00	8.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
232.00	236.00	4.00	5278.000	109.000	16.000	439.000	0.200	383.000	4.260	67.000	0.199
236.00	240.00	4.00	5279.000	246.000	30.000	1979.000	0.500	499.000	4.720	85.000	0.111
240.00	244.70	4.70	5280.000	185.000	33.000	1053.000	0.600	414.000	5.410	22.000	0.149
244.70	247.50	2.80	5281.000	132.000	15.000	855.000	0.600	458.000	4.280	36.000	0.134
247.50	250.00	2.50	5282.000	88.000	12.000	616.000	0.300	594.000	4.000	44.000	0.125
250.00	253.20	3.20	5283.000	220.000	24.000	1865.000	0.600	628.000	4.610	56.000	0.106
253.20	257.80	4.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
257.80	260.40	2.60	5284.000	133.000	29.000	930.000	0.400	384.000	3.930	17.000	0.125
260.40	263.00	2.60	5285.000	307.000	30.000	2761.000	0.300	369.000	6.560	16.000	0.100
263.00	266.00	3.00	5286.000	514.000	47.000	3049.000	0.600	519.000	8.500	22.000	0.144
266.00	269.00	3.00	5287.000	262.000	43.000	2782.000	0.400	494.000	8.330	11.000	0.086
269.00	271.80	2.80	5288.000	264.000	17.000	637.000	0.600	615.000	5.810	74.000	0.293
271.80	274.00	2.20	5289.000	252.000	14.000	2440.000	0.400	590.000	9.050	38.000	0.094
274.00	275.60	1.60	5290.000	239.000	13.000	929.000	0.100	514.000	6.190	28.000	0.205
275.60	278.00	2.40	5291.000	423.000	54.000	4198.000	0.200	589.000	9.300	24.000	0.092
278.00	280.00	2.00	5292.000	269.000	57.000	3616.000	0.500	454.000	8.330	173.000	0.069
280.00	283.00	3.00	5293.000	438.000	32.000	1708.000	0.600	507.000	7.420	13.000	0.204
283.00	286.00	3.00	5294.000	505.000	40.000	2987.000	0.800	373.000	9.890	49.000	0.145
286.00	287.60	1.60	5295.000	176.000	56.000	1930.000	0.500	522.000	6.420	58.000	0.084
287.60	291.00	3.40	5296.000	22.000	13.000	185.000	TRACE	382.000	1.890	38.000	0.106
291.00	296.00	5.00	5297.000	13.000	13.000	45.000	0.400	254.000	1.400	16.000	0.224

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB034

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	76.90	76.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
76.90	79.00	2.10	5424.000	200.000	40.000	1044.000	1.200	210.000	6.650	12.000	0.161
79.00	81.60	2.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
81.60	84.20	2.60	5425.000	276.000	32.000	1771.000	0.300	319.000	7.030	111.000	0.135
84.20	95.00	10.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
95.00	96.90	1.90	5426.000	121.000	4.000	616.000	TRACE	336.000	4.330	17.000	0.164
96.90	100.50	3.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
100.50	103.00	2.50	5427.000	414.000	3.000	1464.000	0.700	405.000	8.250	4.000	0.220
103.00	107.00	4.00	5428.000	244.000	6.000	416.000	0.100	457.000	8.590	23.000	0.370
107.00	110.00	3.00	5429.000	221.000	9.000	1102.000	TRACE	546.000	6.550	5.000	0.167
110.00	113.20	3.20	5430.000	382.000	10.000	667.000	1.500	481.000	7.480	135.000	0.364
113.20	141.00	27.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
141.00	143.00	2.00	5431.000	166.000	31.000	1705.000	0.700	319.000	6.760	32.000	0.089
143.00	146.00	3.00	5432.000	96.000	15.000	710.000	0.200	310.000	4.860	20.000	0.119
146.00	149.00	3.00	5433.000	204.000	31.000	1062.000	0.500	241.000	7.770	38.000	0.161
149.00	151.00	2.00	5434.000	140.000	19.000	939.000	3.400	431.000	5.350	31.000	0.130
151.00	246.00	95.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB035

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	20.00	20.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
20.00	23.00	3.00	5435.000	127.000	10.000	506.000	0.300	562.000	6.700	165.000	0.201
23.00	32.00	9.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
32.00	35.50	3.50	5436.000	103.000	13.000	1051.000	1.400	824.000	6.550	87.000	0.089
35.50	40.00	4.50	5437.000	280.000	28.000	1113.000	0.400	554.000	6.010	139.000	0.201
40.00	52.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
52.00	55.00	3.00	5438.000	278.000	40.000	1725.000	0.800	490.000	8.030	407.000	0.139
55.00	59.00	4.00	5439.000	190.000	30.000	1183.000	0.500	660.000	7.010	108.000	0.138
59.00	105.00	46.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
105.00	108.00	3.00	5440.000	210.000	31.000	1390.000	0.800	575.000	7.110	265.000	0.131
108.00	111.00	3.00	5441.000	480.000	31.000	5934.000	2.400	594.000	7.960	34.000	0.075
111.00	113.00	2.00	5442.000	276.000	24.000	2524.000	TRACE	499.000	8.310	15.000	0.099
113.00	116.00	3.00	5443.000	255.000	26.000	2977.000	1.200	481.000	6.960	15.000	0.079
116.00	119.00	3.00	5444.000	288.000	45.000	1198.000	TRACE	501.000	8.650	25.000	0.194
119.00	122.50	3.50	5445.000	285.000	27.000	2023.000	TRACE	292.000	5.660	14.000	0.123
122.50	126.00	3.50	5446.000	165.000	11.000	1833.000	1.200	577.000	4.330	29.000	0.083
126.00	129.00	3.00	5447.000	301.000	23.000	1205.000	2.200	401.000	7.020	44.000	0.200
129.00	131.80	2.80	5448.000	558.000	40.000	544.000	0.600	427.000	11.060	67.000	0.506
131.80	134.00	2.20	5449.000	498.000	12.000	2053.000	1.000	228.000	7.890	12.000	0.195
134.00	136.00	2.00	5450.000	1206.000	9.000	3523.000	0.700	197.000	6.040	4.000	0.255
136.00	139.00	3.00	5451.000	305.000	22.000	2093.000	3.400	425.000	8.930	57.000	0.127
139.00	142.50	3.50	5452.000	424.000	55.000	1978.000	4.800	436.000	10.300	35.000	0.177
142.50	145.80	3.30	5453.000	292.000	32.000	113.000	7.000	491.000	9.720	40.000	0.721
145.80	148.00	2.20	5454.000	104.000	12.000	86.000	4.400	453.000	6.170	58.000	0.547
148.00	150.40	2.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
150.40	154.00	3.60	5455.000	143.000	13.000	90.000	1.600	407.000	7.320	68.000	0.614
154.00	156.50	2.50	5456.000	211.000	4.000	325.000	0.800	434.000	8.120	157.000	0.394
156.50	159.00	2.50	5457.000	222.000	33.000	2344.000	3.400	418.000	12.640	101.000	0.087
159.00	161.30	2.30	5458.000	1024.000	11.000	8152.000	2.300	258.000	10.910	16.000	0.112
161.30	174.00	12.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
174.00	176.70	2.70	5459.000	335.000	17.000	3910.000	1.600	240.000	12.610	5.000	0.079
176.70	178.00	1.30	5460.000	580.000	41.000	5314.000	2.200	796.000	16.150	23.000	0.098
178.00	180.70	2.70	5461.000	318.000	36.000	1921.000	1.800	593.000	8.210	9.000	0.142
180.70	182.50	1.80	5462.000	411.000	68.000	1326.000	1.400	488.000	9.390	7.000	0.237
182.50	185.70	3.20	5463.000	648.000	35.000	4109.000	2.000	336.000	15.580	66.000	0.136
185.70	188.60	2.90	5464.000	310.000	35.000	1678.000	1.400	431.000	7.770	33.000	0.156
188.60	191.00	2.40	5465.000	215.000	29.000	1057.000	1.300	332.000	5.050	100.000	0.169
191.00	196.00	5.00	5466.000	176.000	33.000	1137.000	0.500	377.000	5.490	40.000	0.134
196.00	199.70	3.70	5467.000	238.000	38.000	717.000	2.900	363.000	7.000	71.000	0.249
199.70	207.80	8.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
207.80	210.20	2.40	5468.000	282.000	49.000	2303.000	3.200	567.000	8.280	55.000	0.109
210.20	212.50	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
212.50	215.00	2.50	5469.000	268.000	25.000	148.000	1.600	773.000	6.760	73.000	0.644
215.00	237.80	22.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
237.80	241.00	3.20	5470.000	176.000	28.000	537.000	0.800	545.000	9.970	26.000	0.247
241.00	244.00	3.00	5471.000	190.000	26.000	541.000	2.800	378.000	7.480	112.000	0.260
244.00	247.00	3.00	5472.000	213.000	42.000	892.000	1.700	410.000	8.490	37.000	0.193
247.00	250.00	3.00	5473.000	87.000	21.000	955.000	3.600	513.000	4.670	78.000	0.083
250.00	253.00	3.00	5474.000	79.000	17.000	218.000	0.200	416.000	3.760	22.000	0.266
253.00	258.00	5.00	5475.000	192.000	31.000	1335.000	0.800	227.000	4.130	71.000	0.126

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB035

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
258.00	262.00	4.00	5476.000	258.000	48.000	2123.000	2.000	208.000	4.240	43.000	0.108
262.00	264.00	2.00	5477.000	877.000	16.000	3075.000	2.400	526.000	11.140	93.000	0.222
264.00	267.00	3.00	5478.000	700.000	52.000	4708.000	7.400	817.000	19.100	40.000	0.129
267.00	270.80	3.80	5479.000	357.000	30.000	1729.000	2.400	447.000	8.810	50.000	0.171
270.80	276.00	5.20	5480.000	129.000	15.000	868.000	1.600	272.000	3.550	40.000	0.129
276.00	279.50	3.50	5481.000	94.000	16.000	545.000	1.600	357.000	4.290	46.000	0.147
279.50	282.80	3.30	4582.000	101.000	20.000	553.000	1.600	480.000	5.270	49.000	0.154
282.80	287.00	4.20	5483.000	246.000	23.000	679.000	1.300	555.000	7.170	53.000	0.266
287.00	294.00	7.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
294.00	296.00	2.00	5484.000	109.000	13.000	533.000	0.400	328.000	4.980	19.000	0.170
296.00	306.00	10.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB036

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	121.70	121.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
121.70	124.00	2.30	5494.000	13.000	25.000	134.000	TRACE	268.000	1.760	35.000	0.088
124.00	127.00	3.00	5495.000	150.000	19.000	812.000	0.400	369.000	5.050	241.000	0.156
127.00	129.00	2.00	5496.000	118.000	19.000	2260.000	TRACE	394.000	4.610	33.000	0.050
129.00	131.40	2.40	5497.000	59.000	21.000	1400.000	TRACE	246.000	2.750	22.000	0.040
131.40	135.00	3.60	5498.000	47.000	14.000	153.000	TRACE	559.000	4.620	56.000	0.235
135.00	140.00	5.00	5499.000	181.000	18.000	80.000	0.500	600.000	7.200	19.000	0.693
140.00	142.00	2.00	5500.000	1130.000	47.000	310.000	3.400	893.000	30.000	35.000	0.785
142.00	144.00	2.00	5501.000	130.000	14.000	30.000	0.200	302.000	5.170	13.000	0.813
144.00	146.00	2.00	5502.000	15.000	6.000	400.000	0.400	112.000	1.070	19.000	0.036
146.00	148.00	2.00	5503.000	296.000	15.000	55.000	1.000	319.000	5.170	29.000	0.843
148.00	150.50	2.50	5504.000	67.000	12.000	42.000	0.100	394.000	4.050	14.000	0.615
150.50	153.00	2.50	5505.000	201.000	6.000	130.000	TRACE	305.000	6.660	24.000	0.607
153.00	156.00	3.00	5506.000	60.000	17.000	23.000	1.200	388.000	3.540	16.000	0.723
156.00	159.00	3.00	5507.000	18.000	TRACE	19.000	TRACE	136.000	1.280	8.000	0.486
159.00	162.00	3.00	5508.000	130.000	17.000	126.000	TRACE	690.000	7.150	5.000	0.508
162.00	165.00	3.00	5509.000	211.000	38.000	588.000	2.300	738.000	10.600	23.000	0.264
165.00	167.20	2.20	5510.000	129.000	32.000	44.000	2.400	346.000	5.560	14.000	0.746
167.20	169.30	2.10	5511.000	50.000	32.000	115.000	1.600	762.000	6.200	14.000	0.303
169.30	172.20	2.90	5512.000	41.000	20.000	52.000	TRACE	371.000	3.770	5.000	0.441
172.20	279.00	106.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
279.00	283.00	4.00	5513.000	58.000	20.000	61.000	TRACE	267.000	4.260	22.000	0.487
283.00	286.00	3.00	5514.000	29.000	17.000	61.000	TRACE	237.000	3.890	10.000	0.322
286.00	289.00	3.00	5515.000	55.000	17.000	113.000	0.400	287.000	4.410	14.000	0.327
289.00	292.00	3.00	5516.000	49.000	12.000	67.000	0.100	251.000	3.980	64.000	0.422
292.00	294.00	2.00	5517.000	80.000	19.000	69.000	0.400	322.000	4.470	95.000	0.537
294.00	327.20	33.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
327.20	330.00	2.80	5518.000	106.000	24.000	493.000	TRACE	556.000	5.210	27.000	0.177
330.00	332.00	2.00	5519.000	271.000	32.000	3640.000	0.800	353.000	8.480	31.000	0.069
332.00	336.00	4.00	5520.000	390.000	20.000	2910.000	1.100	276.000	9.060	8.000	0.118
336.00	339.50	3.50	5521.000	828.000	31.000	3900.000	2.600	704.000	19.200	23.000	0.175
339.50	341.50	2.00	5522.000	949.000	37.000	1990.000	1.700	342.000	12.900	26.000	0.323
341.50	345.00	3.50	5523.000	230.000	28.000	1240.000	TRACE	383.000	4.480	43.000	0.156
345.00	348.30	3.30	5524.000	106.000	12.000	380.000	0.400	386.000	5.070	21.000	0.218
348.30	351.00	2.70	5525.000	274.000	33.000	2140.000	0.600	368.000	6.510	78.000	0.114
351.00	354.40	3.40	5526.000	112.000	20.000	697.000	TRACE	416.000	4.260	19.000	0.138
354.40	357.50	3.10	5527.000	81.000	23.000	544.000	TRACE	586.000	5.200	19.000	0.130
357.50	360.00	2.50	5528.000	151.000	32.000	1320.000	0.200	380.000	5.860	24.000	0.103
360.00	372.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
372.00	375.00	3.00	5529.000	140.000	18.000	955.000	0.600	589.000	7.080	81.000	0.128
375.00	396.00	21.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB037

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	124.90	124.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
124.90	129.50	4.60	5535.000	90.000	5.000	88.000	0.200	397.000	4.070	11.000	0.506
129.50	134.30	4.80	5536.000	79.000	12.000	46.000	0.100	396.000	4.340	11.000	0.632
134.30	139.00	4.70	5537.000	142.000	4.000	44.000	TRACE	356.000	5.060	19.000	0.763
139.00	143.90	4.90	5538.000	94.000	6.000	49.000	TRACE	420.000	5.820	17.000	0.657
143.90	148.40	4.50	5539.000	82.000	2.000	50.000	TRACE	437.000	5.100	21.000	0.621
148.40	153.30	4.90	5540.000	46.000	TRACE	31.000	0.100	491.000	4.520	23.000	0.597
153.30	154.80	1.50	5541.000	128.000	TRACE	82.000	TRACE	889.000	9.250	TRACE	0.610
154.80	156.00	1.20	5542.000	79.000	4.000	537.000	TRACE	720.000	7.960	83.000	0.128
156.00	157.80	1.80	5543.000	94.000	11.000	818.000	0.400	327.000	5.880	97.000	0.103
157.80	160.00	2.20	5544.000	36.000	9.000	103.000	TRACE	715.000	5.720	16.000	0.259
160.00	163.00	3.00	5545.000	26.000	27.000	90.000	TRACE	564.000	4.000	17.000	0.224
163.00	165.80	2.80	5546.000	13.000	26.000	67.000	TRACE	319.000	2.030	22.000	0.162
165.80	167.50	1.70	5547.000	12.000	35.000	90.000	TRACE	157.000	1.160	81.000	0.118
167.50	169.00	1.50	5548.000	19.000	56.000	117.000	TRACE	350.000	2.420	28.000	0.140
169.00	189.00	20.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
189.00	190.00	1.00	5549.000	24.000	35.000	547.000	TRACE	562.000	3.370	27.000	0.042
190.00	193.00	3.00	5550.000	57.000	26.000	145.000	0.100	736.000	6.710	33.000	0.282
193.00	196.20	3.20	5551.000	237.000	22.000	936.000	0.900	616.000	9.280	59.000	0.202
196.20	198.50	2.30	5552.000	76.000	25.000	451.000	TRACE	548.000	5.060	25.000	0.144
198.50	211.20	12.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
211.20	213.30	2.10	5553.000	101.000	34.000	988.000	0.300	409.000	3.470	30.000	0.093
213.30	215.00	1.70	5554.000	464.000	37.000	894.000	1.400	416.000	9.180	55.000	0.342
215.00	217.70	2.70	5555.000	540.000	68.000	5323.000	2.200	278.000	10.540	45.000	0.092
217.70	219.40	1.70	5556.000	53.000	8.000	176.000	0.400	206.000	3.390	46.000	0.231
219.40	220.40	1.00	5557.000	166.000	15.000	1013.000	0.600	339.000	5.480	47.000	0.141
220.40	236.00	15.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
236.00	239.20	3.20	5558.000	106.000	16.000	1809.000	1.300	688.000	6.160	37.000	0.055
239.20	242.20	3.00	5559.000	286.000	11.000	1232.000	0.200	905.000	8.500	57.000	0.188
242.20	243.30	1.10	5560.000	145.000	5.000	253.000	0.200	422.000	5.190	35.000	0.364
243.30	321.00	77.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB038

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	252.70	252.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
252.70	255.00	2.30	5726.000	1574.000	8.000	48.000	0.700	38.000	0.680	2.000	0.970
255.00	256.50	1.50	5727.000	566.000	2.000	29.000	0.100	47.000	0.530	2.000	0.951
256.50	259.00	2.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
259.00	262.00	3.00	5728.000	226.000	8.000	67.000	6.600	150.000	5.330	8.000	0.771
262.00	264.00	2.00	5729.000	391.000	12.000	96.000	0.500	139.000	7.300	10.000	0.803
264.00	266.00	2.00	5730.000	153.000	16.000	107.000	0.400	145.000	8.230	11.000	0.588
266.00	268.00	2.00	5731.000	335.000	19.000	161.000	0.500	162.000	8.250	12.000	0.675
268.00	270.00	2.00	5732.000	361.000	23.000	336.000	0.600	235.000	8.610	16.000	0.518
270.00	271.00	1.00	5733.000	506.000	21.000	314.000	0.600	380.000	8.660	14.000	0.617
271.00	274.00	3.00	5734.000	1214.000	34.000	163.000	1.500	159.000	10.060	21.000	0.882
274.00	276.00	2.00	5735.000	118.000	37.000	118.000	0.500	132.000	10.360	23.000	0.500
276.00	278.00	2.00	5736.000	89.000	33.000	NIL	0.600	127.000	10.990	22.000	1.000
278.00	280.00	2.00	5737.000	266.000	47.000	104.000	0.900	186.000	11.510	28.000	0.719
280.00	282.00	2.00	5738.000	47.000	41.000	76.000	0.800	142.000	11.250	26.000	0.382
282.00	284.00	2.00	5739.000	159.000	27.000	48.000	0.900	204.000	9.690	20.000	0.768
284.00	286.00	2.00	5740.000	12.000	34.000	34.000	0.200	214.000	10.220	25.000	0.261
286.00	288.00	2.00	5741.000	5.000	37.000	41.000	0.100	176.000	10.970	27.000	0.109
288.00	290.00	2.00	5742.000	4.000	27.000	32.000	0.100	172.000	9.410	20.000	0.111
290.00	292.00	2.00	5743.000	3.000	27.000	39.000	0.200	174.000	9.840	24.000	0.071
292.00	294.00	2.00	5744.000	4.000	26.000	43.000	0.100	199.000	8.950	22.000	0.085
294.00	296.00	2.00	5745.000	5.000	40.000	49.000	0.300	150.000	11.090	31.000	0.093
296.00	298.00	2.00	5746.000	4.000	36.000	50.000	0.200	162.000	11.620	29.000	0.074
298.00	300.00	2.00	5747.000	6.000	59.000	100.000	1.100	181.000	12.890	36.000	0.057
300.00	302.00	2.00	5748.000	7.000	30.000	92.000	0.600	280.000	10.220	18.000	0.071
302.00	303.80	1.80	5749.000	23.000	26.000	140.000	0.300	408.000	9.620	10.000	0.141
303.80	306.00	2.20	5750.000	71.000	26.000	219.000	0.200	353.000	9.190	14.000	0.245
306.00	308.00	2.00	5751.000	180.000	29.000	320.000	0.600	291.000	10.070	19.000	0.360
308.00	310.00	2.00	5752.000	24.000	28.000	166.000	0.500	263.000	9.790	16.000	0.126
310.00	312.00	2.00	5753.000	19.000	18.000	160.000	0.900	321.000	8.480	13.000	0.106
312.00	314.00	2.00	5754.000	142.000	16.000	126.000	0.500	259.000	7.820	10.000	0.530
314.00	315.50	1.50	5755.000	120.000	5.000	140.000	0.300	203.000	5.470	17.000	0.462
315.50	317.00	1.50	5756.000	5.000	5.000	57.000	0.100	226.000	211.000	4.000	0.081
317.00	346.00	29.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB039

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	32.00	32.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
32.00	36.50	4.50	5757.000	36.000	2.000	9.000	0.100	83.000	0.700	4.000	0.800
36.50	41.00	4.50	5758.000	187.000	2.000	27.000	0.100	182.000	1.430	2.000	0.874
41.00	43.50	2.50	5759.000	55.000	20.000	95.000	0.100	301.000	4.590	12.000	0.367
43.50	46.00	2.50	5760.000	77.000	21.000	97.000	0.100	151.000	5.140	12.000	0.443
46.00	47.80	1.80	5761.000	231.000	19.000	146.000	0.500	184.000	6.500	3.000	0.613
47.80	49.80	2.00	5762.000	6610.000	11.000	128.000	11.600	131.000	6.880	24.000	0.981
49.80	52.00	2.20	5763.000	1359.000	3.000	53.000	2.200	100.000	3.560	17.000	0.962
52.00	54.60	2.60	5764.000	204.000	28.000	102.000	0.100	128.000	4.960	23.000	0.667
54.60	56.20	1.60	5765.000	395.000	28.000	79.000	0.500	117.000	4.850	27.000	0.833
56.20	57.20	1.00	5766.000	1450.000	21.000	56.000	1.300	260.000	9.230	40.000	0.963
57.20	59.00	1.80	5767.000	209.000	22.000	150.000	0.600	128.000	9.850	19.000	0.582
59.00	61.00	2.00	5768.000	51.000	17.000	58.000	0.200	134.000	9.060	20.000	0.468
61.00	64.00	3.00	5769.000	27.000	19.000	46.000	0.100	114.000	9.280	25.000	0.370
64.00	66.00	2.00	5770.000	58.000	31.000	43.000	0.600	111.000	10.460	29.000	0.574
66.00	68.00	2.00	5771.000	101.000	26.000	44.000	0.400	112.000	9.940	24.000	0.697
68.00	71.00	3.00	5772.000	178.000	23.000	52.000	0.600	127.000	9.990	21.000	0.774
71.00	73.60	2.60	5773.000	108.000	26.000	85.000	0.500	122.000	9.900	21.000	0.560
73.60	76.00	2.40	5774.000	37.000	15.000	117.000	0.300	252.000	8.410	14.000	0.240
76.00	78.00	2.00	5775.000	408.000	14.000	212.000	0.500	119.000	8.990	12.000	0.658
78.00	80.10	2.10	5776.000	300.000	22.000	351.000	0.600	144.000	9.680	17.000	0.461
80.10	82.00	1.90	5777.000	67.000	31.000	627.000	0.300	158.000	10.640	21.000	0.097
82.00	84.00	2.00	5778.000	386.000	26.000	497.000	0.600	115.000	10.220	16.000	0.437
84.00	86.00	2.00	5779.000	36.000	15.000	367.000	0.200	93.000	8.810	9.000	0.089
86.00	88.00	2.00	5780.000	88.000	17.000	310.000	2.200	114.000	9.130	13.000	0.221
88.00	90.50	2.50	5781.000	442.000	14.000	1189.000	1.400	96.000	8.430	8.000	0.271
90.50	93.00	2.50	5782.000	345.000	32.000	579.000	1.300	182.000	11.020	17.000	0.373
93.00	96.00	3.00	5783.000	17.000	17.000	199.000	0.500	101.000	9.040	11.000	0.079
96.00	98.30	2.30	5784.000	100.000	18.000	231.000	0.400	179.000	8.670	15.000	0.302
98.30	102.00	3.70	5785.000	535.000	12.000	370.000	0.600	140.000	7.950	13.000	0.591
102.00	105.00	3.00	5786.000	663.000	17.000	447.000	0.600	150.000	9.290	14.000	0.597
105.00	108.00	3.00	5787.000	543.000	14.000	1106.000	0.700	177.000	8.410	11.000	0.329
108.00	111.00	3.00	5788.000	692.000	17.000	2111.000	0.900	166.000	8.870	12.000	0.247
111.00	114.00	3.00	5789.000	488.000	15.000	1374.000	0.800	225.000	8.520	12.000	0.262
114.00	117.00	3.00	5790.000	616.000	19.000	1273.000	0.700	210.000	9.240	12.000	0.326
117.00	120.00	3.00	5791.000	440.000	12.000	1086.000	0.800	217.000	8.100	15.000	0.288
120.00	122.50	2.50	5792.000	525.000	12.000	1198.000	0.600	177.000	7.700	13.000	0.305
122.50	124.00	1.50	5793.000	771.000	6.000	1267.000	10.000	140.000	7.130	12.000	0.378
124.00	126.00	2.00	5794.000	457.000	5.000	336.000	0.500	190.000	6.610	54.000	0.576
126.00	129.00	3.00	5795.000	425.000	8.000	605.000	0.300	208.000	7.510	51.000	0.413
129.00	131.00	2.00	5796.000	425.000	14.000	292.000	0.600	208.000	7.510	765.000	0.593
131.00	132.50	1.50	5797.000	655.000	16.000	497.000	0.600	174.000	8.910	28.000	0.569
132.50	134.00	1.50	5798.000	72.000	8.000	362.000	0.200	179.000	7.130	16.000	0.166
134.00	136.00	2.00	5799.000	146.000	16.000	307.000	0.700	171.000	8.770	11.000	0.322
136.00	138.00	2.00	5800.000	258.000	10.000	271.000	0.400	190.000	7.250	13.000	0.488
138.00	140.20	2.20	5801.000	290.000	4.000	348.000	0.100	352.000	4.760	7.000	0.455
140.20	145.00	4.80	5802.000	335.000	2.000	671.000	0.100	338.000	4.020	61.000	0.333
145.00	147.70	2.70	5803.000	175.000	2.000	319.000	0.100	341.000	3.820	112.000	0.354
147.70	150.30	2.60	5804.000	5.000	N.S.	N.S.	N.S.	111.000	1.270	25.000	1.000
150.30	154.00	3.70	5805.000	N.S.	N.S.	226.000	0.300	500.000	6.440	14.000	N.S.

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB039

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
154.00	156.50	2.50	5806.000	491.000	8.000	180.000	0.200	351.000	6.050	8.000	0.732
156.50	158.90	2.40	5807.000	314.000	4.000	15.000	0.100	264.000	4.960	18.000	0.954
158.90	161.70	2.80	5808.000	247.000	7.000	221.000	0.100	502.000	5.010	7.000	0.528
161.70	164.00	2.30	5809.000	10.000	8.000	53.000	0.100	187.000	0.920	9.000	0.159
164.00	166.00	2.00	5810.000	40.000	16.000	53.000	0.100	204.000	1.220	9.000	0.430
166.00	168.40	2.40	5811.000	448.000	2.000	125.000	0.100	358.000	5.790	6.000	0.782
168.40	171.40	3.00	5812.000	346.000	19.000	288.000	0.800	192.000	8.880	20.000	0.546
171.40	174.50	3.10	5813.000	211.000	16.000	486.000	0.900	191.000	8.420	58.000	0.303
174.50	177.00	2.50	5814.000	182.000	4.000	198.000	0.100	235.000	5.570	14.000	0.479
177.00	184.70	7.70	5815.000	144.000	4.000	281.000	0.100	261.000	3.340	9.000	0.339
184.70	190.00	5.30	5816.000	200.000	14.000	275.000	0.100	363.000	NIL	15.000	0.421
190.00	194.70	4.70	5817.000	83.000	2.000	24.000	0.100	154.000	0.850	2.000	0.776
194.70	636.00	441.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB040

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	162.00	162.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
162.00	164.00	2.00	5829.000	12.000	6.000	132.000	0.200	150.000	3.760	8.000	0.083
164.00	166.60	2.60	5830.000	68.000	5.000	157.000	0.200	174.000	5.540	8.000	0.302
166.60	168.00	1.40	5831.000	271.000	2.000	62.000	0.400	140.000	10.670	TRACE	0.814
168.00	171.10	3.10	5832.000	45.000	3.000	53.000	0.500	273.000	11.970	2.000	0.459
171.10	174.00	2.90	5833.000	24.000	5.000	86.000	0.700	172.000	10.300	5.000	0.218
174.00	177.00	3.00	5834.000	7.000	6.000	59.000	0.500	179.000	13.050	3.000	0.106
177.00	180.00	3.00	5835.000	70.000	7.000	110.000	0.600	180.000	12.770	TRACE	0.389
180.00	181.40	1.40	5836.000	12.000	6.000	137.000	0.800	408.000	17.030	TRACE	0.081
181.40	183.00	1.60	5837.000	113.000	18.000	131.000	0.900	335.000	6.240	7.000	0.463
183.00	185.00	2.00	5838.000	668.000	11.000	362.000	1.600	365.000	16.950	TRACE	0.649
185.00	188.00	3.00	5839.000	620.000	TRACE	347.000	0.200	235.000	15.500	TRACE	0.641
188.00	191.00	3.00	5840.000	270.000	TRACE	313.000	0.900	355.000	14.640	TRACE	0.463
191.00	194.00	3.00	5841.000	459.000	6.000	366.000	1.400	504.000	16.980	TRACE	0.556
194.00	197.00	3.00	5842.000	1200.000	TRACE	380.000	3.000	590.000	14.720	3.000	0.759
197.00	200.00	3.00	5843.000	669.000	TRACE	111.000	2.100	316.000	10.230	8.000	0.858
200.00	202.80	2.80	5844.000	858.000	2.000	703.000	2.100	998.000	10.430	6.000	0.550
202.80	206.00	3.20	5845.000	516.000	2.000	258.000	1.100	668.000	6.550	16.000	0.667
206.00	209.00	3.00	5846.000	49.000	6.000	86.000	0.500	375.000	2.180	13.000	0.363
209.00	211.00	2.00	5847.000	115.000	9.000	65.000	0.400	385.000	2.070	7.000	0.639
211.00	386.00	175.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB041

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	38.50	38.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
38.50	39.60	1.10	5848.000	59.000	3.000	121.000	0.400	622.000	4.660	2.000	0.328
39.60	42.00	2.40	5849.000	403.000	4.000	60.000	0.200	178.000	7.690	6.000	0.870
42.00	45.00	3.00	5850.000	605.000	2.000	221.000	0.600	265.000	16.420	TRACE	0.732
45.00	48.00	3.00	5851.000	394.000	TRACE	109.000	0.100	212.000	13.280	TRACE	0.783
48.00	50.00	2.00	5852.000	216.000	2.000	110.000	0.400	171.000	16.330	TRACE	0.663
50.00	52.00	2.00	5853.000	125.000	5.000	141.000	0.200	171.000	16.960	4.000	0.470
52.00	54.00	2.00	5854.000	443.000	8.000	137.000	1.500	166.000	22.890	6.000	0.764
54.00	56.00	2.00	5855.000	521.000	6.000	110.000	0.700	120.000	19.920	TRACE	0.826
56.00	58.00	2.00	5856.000	1034.000	8.000	167.000	1.400	126.000	21.780	TRACE	0.861
58.00	60.00	2.00	5857.000	1296.000	TRACE	112.000	1.300	115.000	17.510	TRACE	0.920
60.00	62.00	2.00	5858.000	106.000	TRACE	68.000	0.200	212.000	14.310	2.000	0.609
62.00	64.00	2.00	5859.000	311.000	TRACE	50.000	0.200	219.000	13.770	6.000	0.861
64.00	66.00	2.00	5860.000	242.000	4.000	66.000	0.500	189.000	17.800	4.000	0.786
66.00	68.00	2.00	5861.000	404.000	6.000	86.000	0.600	160.000	19.420	TRACE	0.824
68.00	70.30	2.30	5862.000	400.000	3.000	73.000	0.500	215.000	17.170	TRACE	0.846
70.30	74.00	3.70	5863.000	136.000	TRACE	227.000	0.200	1006.000	11.530	2.000	0.375
74.00	76.00	2.00	5864.000	16.000	2.000	20.000	0.200	177.000	1.460	10.000	0.444
76.00	78.00	2.00	5865.000	26.000	3.000	98.000	0.200	622.000	6.160	8.000	0.210
78.00	80.00	2.00	5866.000	397.000	4.000	75.000	0.400	245.000	15.320	TRACE	0.841
80.00	82.00	2.00	5867.000	271.000	4.000	52.000	0.400	142.000	18.470	TRACE	0.839
82.00	84.20	2.20	5868.000	437.000	6.000	57.000	0.800	136.000	20.440	TRACE	0.885
84.20	86.00	1.80	5869.000	73.000	TRACE	64.000	0.200	130.000	15.960	TRACE	0.533
86.00	88.20	2.20	5870.000	642.000	4.000	64.000	0.900	115.000	17.110	2.000	0.909
88.20	90.00	1.80	5871.000	56.000	3.000	69.000	0.200	169.000	13.620	7.000	0.448
90.00	92.00	2.00	5872.000	36.000	10.000	45.000	0.600	124.000	21.360	3.000	0.444
92.00	94.00	2.00	5873.000	5.000	3.000	26.000	0.100	119.000	15.940	9.000	0.161
94.00	96.00	2.00	5874.000	7.000	12.000	44.000	0.900	80.000	25.010	TRACE	0.137
96.00	98.00	2.00	5875.000	16.000	8.000	33.000	0.600	135.000	18.840	13.000	0.327
98.00	100.00	2.00	5876.000	57.000	7.000	52.000	0.900	65.000	21.970	TRACE	0.523
100.00	102.00	2.00	5877.000	111.000	4.000	132.000	0.500	115.000	23.680	TRACE	0.457
102.00	104.00	2.00	5878.000	25.000	TRACE	115.000	0.200	127.000	20.070	TRACE	0.179
104.00	106.00	2.00	5879.000	449.000	2.000	1405.000	0.200	168.000	13.100	2.000	0.242
106.00	108.00	2.00	5880.000	78.000	6.000	581.000	0.600	165.000	18.590	TRACE	0.118
108.00	110.00	2.00	5881.000	299.000	4.000	1429.000	0.900	197.000	16.300	2.000	0.173
110.00	112.00	2.00	5882.000	401.000	TRACE	1104.000	0.700	215.000	12.200	12.000	0.266
112.00	115.00	3.00	5883.000	752.000	3.000	2238.000	1.400	243.000	13.560	15.000	0.252
115.00	117.00	2.00	5884.000	277.000	2.000	991.000	0.800	274.000	14.150	20.000	0.218
117.00	119.00	2.00	5885.000	826.000	3.000	1751.000	1.300	N.S.	N.S.	N.S.	0.321
119.00	121.60	2.60	5886.000	626.000	TRACE	1265.000	0.800	N.S.	N.S.	N.S.	0.331
121.60	131.00	9.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
131.00	133.00	2.00	5887.000	434.000	6.000	949.000	0.800	N.S.	N.S.	N.S.	0.314
133.00	206.00	73.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB042

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	143.00	143.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
143.00	146.00	3.00	5963.000	596.000	4.000	862.000	1.000	149.000	10.640	1382.000	0.409
146.00	149.00	3.00	5964.000	625.000	6.000	2767.000	1.100	121.000	8.000	81.000	0.184
149.00	152.30	3.30	5965.000	565.000	TRACE	964.000	1.000	139.000	N.S.	N.S.	0.370
152.30	156.00	3.70	5966.000	652.000	4.000	1058.000	1.000	110.000	N.S.	N.S.	0.381
156.00	160.00	4.00	5967.000	473.000	TRACE	880.000	0.400	125.000	9.590	16.000	0.350
160.00	163.00	3.00	5968.000	543.000	TRACE	1364.000	0.700	144.000	9.010	12.000	0.285
163.00	166.00	3.00	5969.000	351.000	6.000	1328.000	0.600	120.000	9.980	5.000	0.209
166.00	169.00	3.00	5970.000	626.000	9.000	1441.000	0.600	140.000	10.580	TRACE	0.306
169.00	171.30	2.30	5971.000	790.000	TRACE	834.000	1.100	112.000	8.870	TRACE	0.486
171.30	175.00	3.70	5972.000	816.000	6.000	356.000	0.600	164.000	8.760	11.000	0.696
175.00	178.00	3.00	5973.000	988.000	3.000	663.000	0.600	167.000	10.060	5.000	0.598
178.00	181.00	3.00	5974.000	635.000	TRACE	848.000	0.200	176.000	9.530	TRACE	0.428
181.00	183.50	2.50	5975.000	416.000	2.000	487.000	0.200	179.000	9.780	TRACE	0.461
183.50	185.00	1.50	5976.000	206.000	TRACE	461.000	TRACE	302.000	4.810	3.000	0.309
185.00	187.60	2.60	5977.000	536.000	TRACE	535.000	0.200	220.000	9.430	TRACE	0.500
187.60	189.00	1.40	5978.000	650.000	TRACE	1126.000	0.100	175.000	9.470	2.000	0.366
189.00	191.60	2.60	5979.000	432.000	TRACE	1431.000	0.100	192.000	8.650	10.000	0.232
191.60	194.00	2.40	5980.000	670.000	TRACE	1322.000	TRACE	300.000	5.570	9.000	0.336
194.00	196.00	2.00	5981.000	362.000	4.000	2543.000	0.200	269.000	5.490	14.000	0.125
196.00	198.30	2.30	5982.000	920.000	6.000	3619.000	0.700	210.000	6.990	8.000	0.203
198.30	200.60	2.30	5983.000	203.000	7.000	746.000	0.500	115.000	3.180	14.000	0.214
200.60	209.40	8.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
209.40	211.40	2.00	5984.000	701.000	5.000	943.000	0.900	161.000	10.920	TRACE	0.426
211.40	214.00	2.60	5985.000	692.000	9.000	698.000	1.000	140.000	11.390	TRACE	0.498
214.00	216.00	2.00	5986.000	933.000	TRACE	1028.000	0.900	79.000	9.550	7.000	0.476
216.00	217.90	1.90	5987.000	546.000	TRACE	1337.000	0.800	118.000	9.800	TRACE	0.290
217.90	226.00	8.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
226.00	228.00	2.00	5988.000	476.000	8.000	931.000	0.700	92.000	9.910	TRACE	0.338
228.00	231.00	3.00	5989.000	592.000	4.000	991.000	0.500	162.000	10.550	TRACE	0.374
231.00	234.00	3.00	5990.000	476.000	TRACE	1519.000	0.900	125.000	8.160	TRACE	0.239
234.00	236.00	2.00	5991.000	927.000	TRACE	3676.000	0.500	193.000	9.520	TRACE	0.201
236.00	238.00	2.00	5992.000	1001.000	TRACE	2322.000	0.200	164.000	9.620	20.000	0.301
238.00	240.00	2.00	5993.000	801.000	3.000	1839.000	0.800	151.000	8.710	23.000	0.303
240.00	242.00	2.00	5994.000	651.000	TRACE	4232.000	TRACE	254.000	9.860	441.000	0.133
242.00	244.00	2.00	5995.000	550.000	5.000	2648.000	1.500	243.000	9.730	514.000	0.172
244.00	246.00	2.00	5996.000	647.000	5.000	2163.000	0.400	178.000	7.670	166.000	0.230
246.00	248.00	2.00	5997.000	593.000	5.000	1744.000	0.700	212.000	14.170	256.000	0.254
248.00	250.00	2.00	5998.000	580.000	7.000	1990.000	1.300	164.000	10.690	13.000	0.226
250.00	253.00	3.00	5999.000	480.000	3.000	2052.000	1.300	134.000	11.120	175.000	0.190
253.00	256.00	3.00	6000.000	384.000	6.000	1577.000	0.300	126.000	10.360	TRACE	0.196
256.00	259.00	3.00	5001.000	270.000	TRACE	744.000	0.200	188.000	11.510	TRACE	0.266
259.00	262.00	3.00	5002.000	282.000	11.000	243.000	0.400	197.000	9.540	34.000	0.537
262.00	265.00	3.00	5003.000	428.000	15.000	96.000	0.600	281.000	4.900	22.000	0.817
265.00	296.00	31.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB043

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	86.00	86.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
86.00	90.00	4.00	5004.000	352.000	15.000	205.000	0.200	176.000	10.440	TRACE	0.632
90.00	93.00	3.00	5005.000	427.000	2.000	259.000	0.100	198.000	12.110	TRACE	0.622
93.00	94.00	1.00	5006.000	492.000	7.000	117.000	0.600	172.000	12.820	TRACE	0.808
94.00	96.30	2.30	5007.000	405.000	10.000	283.000	0.600	454.000	10.820	TRACE	0.589
96.30	99.10	2.80	5008.000	493.000	23.000	309.000	1.100	664.000	14.440	5.000	0.615
99.10	101.30	2.20	5009.000	239.000	10.000	149.000	0.300	130.000	12.520	TRACE	0.616
101.30	103.00	1.70	5010.000	553.000	9.000	64.000	1.300	100.000	18.100	TRACE	0.896
103.00	106.00	3.00	5011.000	128.000	6.000	80.000	0.100	108.000	14.080	TRACE	0.615
106.00	109.80	3.80	5012.000	35.000	3.000	109.000	0.100	84.000	9.850	TRACE	0.243
109.80	113.00	3.20	5013.000	80.000	8.000	80.000	0.500	116.000	15.000	TRACE	0.500
113.00	116.00	3.00	5014.000	138.000	TRACE	86.000	0.500	102.000	15.640	TRACE	0.616
116.00	119.00	3.00	5015.000	55.000	4.000	92.000	0.500	97.000	14.740	TRACE	0.374
119.00	120.30	1.30	5016.000	115.000	4.000	150.000	0.900	152.000	17.150	TRACE	0.434
120.30	121.50	1.20	5017.000	924.000	5.000	104.000	1.500	216.000	15.330	TRACE	0.899
121.50	123.00	1.50	5018.000	219.000	8.000	77.000	0.100	289.000	4.500	10.000	0.740
123.00	125.50	2.50	5019.000	82.000	3.000	32.000	0.200	182.000	1.970	TRACE	0.719
125.50	128.00	2.50	5020.000	62.000	TRACE	89.000	TRACE	443.000	3.300	11.000	0.411
128.00	131.00	3.00	5021.000	557.000	10.000	82.000	0.100	595.000	8.140	8.000	0.872
131.00	134.00	3.00	5022.000	494.000	8.000	73.000	TRACE	325.000	6.490	5.000	0.871
134.00	137.00	3.00	5023.000	438.000	6.000	55.000	0.100	258.000	7.090	3.000	0.888
137.00	140.00	3.00	5024.000	223.000	6.000	28.000	TRACE	187.000	3.140	23.000	0.888
140.00	143.10	3.10	5025.000	268.000	3.000	85.000	TRACE	483.000	3.520	13.000	0.759
143.10	236.00	92.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB044

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	186.00	186.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
186.00	189.00	3.00	5057.000	63.000	5.000	117.000	0.100	176.000	2.210	12.000	0.350
189.00	190.70	1.70	5058.000	121.000	TRACE	198.000	TRACE	242.000	11.250	TRACE	0.379
190.70	192.00	1.30	5059.000	199.000	5.000	1225.000	0.100	339.000	12.930	TRACE	0.140
192.00	194.70	2.70	5060.000	184.000	2.000	560.000	0.600	290.000	11.390	TRACE	0.247
194.70	196.60	1.90	5061.000	326.000	3.000	253.000	0.900	169.000	14.030	TRACE	0.563
196.60	198.00	1.40	5062.000	456.000	2.000	288.000	0.500	352.000	8.570	5.000	0.613
198.00	199.00	1.00	5063.000	33.000	8.000	229.000	0.200	440.000	5.000	10.000	0.126
199.00	208.00	9.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
208.00	210.00	2.00	5064.000	290.000	8.000	98.000	1.200	259.000	17.100	TRACE	0.747
210.00	212.00	2.00	5065.000	216.000	3.000	130.000	0.800	231.000	14.890	TRACE	0.624
212.00	213.60	1.60	5066.000	276.000	2.000	155.000	0.900	241.000	15.960	TRACE	0.640
213.60	216.00	2.40	5067.000	135.000	4.000	128.000	0.900	140.000	17.300	TRACE	0.513
216.00	218.00	2.00	5068.000	31.000	8.000	49.000	0.600	105.000	15.890	TRACE	0.387
218.00	220.00	2.00	5069.000	85.000	10.000	107.000	0.900	164.000	19.180	TRACE	0.443
220.00	222.00	2.00	5070.000	153.000	5.000	TRACE	198.000	11.690	TRACE	NIL	1.000
222.00	224.00	2.00	5071.000	124.000	8.000	135.000	0.200	254.000	11.530	9.000	0.479
224.00	226.00	2.00	5072.000	20.000	9.000	77.000	TRACE	242.000	4.000	20.000	0.206
226.00	228.00	2.00	5073.000	262.000	6.000	135.000	0.400	318.000	11.420	7.000	0.660
228.00	230.40	2.40	5074.000	218.000	5.000	110.000	0.100	349.000	10.660	4.000	0.665
230.40	232.00	1.60	5075.000	124.000	TRACE	151.000	TRACE	219.000	9.200	8.000	0.451
232.00	236.00	4.00	5077.000	128.000	4.000	117.000	TRACE	201.000	7.460	2.000	0.522
236.00	239.00	3.00	5078.000	109.000	6.000	97.000	0.200	334.000	6.030	11.000	0.529
239.00	242.00	3.00	5079.000	401.000	3.000	83.000	0.400	158.000	9.810	3.000	0.829
242.00	556.00	314.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB045

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	91.00	91.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
91.00	92.50	1.50	6010.000	438.000	11.000	85.000	TRACE	1444.000	5.370	75.000	0.837
92.50	121.50	29.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
121.50	123.00	1.50	6011.000	227.000	9.000	50.000	0.100	1027.000	10.190	28.000	0.819
123.00	126.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
126.00	129.00	3.00	6012.000	75.000	11.000	36.000	0.300	610.000	4.440	61.000	0.676
129.00	131.40	2.40	6013.000	142.000	11.000	47.000	0.800	1041.000	12.090	26.000	0.751
131.40	135.00	3.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
135.00	137.00	2.00	6014.000	75.000	7.000	113.000	0.100	779.000	10.030	82.000	0.399
137.00	210.50	73.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
210.50	212.00	1.50	6015.000	82.000	5.000	44.000	TRACE	356.000	4.120	21.000	0.651
212.00	237.40	25.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
237.40	239.50	2.10	6016.000	316.000	6.000	59.000	0.200	861.000	5.730	1284.000	0.843
239.50	243.50	4.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
243.50	247.00	3.50	6017.000	140.000	13.000	41.000	0.100	886.000	3.510	55.000	0.773
247.00	250.70	3.70	6018.000	113.000	4.000	47.000	TRACE	N.S.	N.S.	N.S.	0.706
250.70	255.40	4.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
255.40	259.00	3.60	6019.000	99.000	9.000	44.000	TRACE	N.S.	N.S.	N.S.	0.692
259.00	264.00	5.00	6020.000	142.000	8.000	29.000	TRACE	N.S.	N.S.	N.S.	0.830
264.00	267.00	3.00	6021.000	132.000	9.000	31.000	TRACE	N.S.	N.S.	N.S.	0.810
267.00	270.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
270.00	272.60	2.60	6022.000	99.000	5.000	30.000	TRACE	N.S.	N.S.	N.S.	0.767
272.60	274.40	1.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
274.40	277.00	2.60	6023.000	110.000	17.000	33.000	0.300	N.S.	N.S.	N.S.	0.769
277.00	279.20	2.20	6024.000	242.000	12.000	48.000	TRACE	N.S.	N.S.	N.S.	0.834
279.20	281.40	2.20	6025.000	245.000	10.000	234.000	TRACE	N.S.	N.S.	N.S.	0.511
281.40	291.00	9.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
291.00	292.20	1.20	6026.000	274.000	13.000	139.000	TRACE	N.S.	N.S.	N.S.	0.663
292.20	296.00	3.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB046

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	16.00	16.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
16.00	17.00	1.00	6031.000	170.000	5.000	39.000	0.300	N.S.	N.S.	N.S.	0.813
17.00	24.50	7.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
24.50	27.00	2.50	6032.000	69.000	15.000	94.000	TRACE	N.S.	N.S.	N.S.	0.423
27.00	30.40	3.40	6033.000	199.000	16.000	1669.000	1.300	N.S.	N.S.	N.S.	0.107
30.40	38.00	7.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
38.00	40.50	2.50	6034.000	89.000	5.000	69.000	0.400	N.S.	N.S.	N.S.	0.563
40.50	42.00	1.50	6035.000	157.000	17.000	126.000	1.300	N.S.	N.S.	N.S.	0.555
42.00	43.50	1.50	6036.000	34.000	8.000	143.000	TRACE	N.S.	N.S.	N.S.	0.192
43.50	57.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
57.00	60.00	3.00	6037.000	75.000	4.000	131.000	0.300	N.S.	N.S.	N.S.	0.364
60.00	63.00	3.00	6038.000	49.000	11.000	140.000	0.400	N.S.	N.S.	N.S.	0.259
63.00	66.00	3.00	6039.000	315.000	40.000	2406.000	1.400	N.S.	N.S.	N.S.	0.116
66.00	69.00	3.00	6040.000	213.000	24.000	933.000	1.500	N.S.	N.S.	N.S.	0.186
69.00	73.00	4.00	6041.000	244.000	12.000	501.000	1.000	N.S.	N.S.	N.S.	0.328
73.00	76.00	3.00	6042.000	240.000	20.000	1027.000	1.100	N.S.	N.S.	N.S.	0.189
76.00	78.80	2.80	6043.000	68.000	14.000	453.000	0.800	N.S.	N.S.	N.S.	0.131
78.80	130.80	52.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
130.80	132.50	1.70	6044.000	80.000	20.000	564.000	0.800	N.S.	N.S.	N.S.	0.124
132.50	176.00	43.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB047

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	8.50	8.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
8.50	10.00	1.50	6066.000	227.000	14.000	88.000	0.900	504.000	11.470	TRACE	0.721
10.00	11.70	1.70	6067.000	30.000	10.000	157.000	TRACE	685.000	4.890	18.000	0.160
11.70	15.00	3.30	6068.000	71.000	10.000	44.000	TRACE	.771.000	4.370	18.000	0.617
15.00	70.00	55.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
70.00	72.30	2.30	6069.000	260.000	17.000	585.000	0.900	681.000	13.790	36.000	0.308
72.30	74.70	2.40	6070.000	73.000	21.000	124.000	0.400	519.000	5.500	68.000	0.371
74.70	113.50	38.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
113.50	115.80	2.30	6071.000	68.000	12.000	52.000	0.700	402.000	5.030	18.000	0.567
115.80	119.40	3.60	6072.000	148.000	11.000	60.000	0.800	410.000	12.290	TRACE	0.712
119.40	121.10	1.70	6073.000	45.000	14.000	68.000	0.100	494.000	4.710	20.000	0.398
121.10	182.50	61.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
182.50	184.50	2.00	6074.000	628.000	8.000	77.000	0.300	492.000	13.440	18.000	0.891
184.50	188.00	3.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
188.00	190.00	2.00	6075.000	338.000	33.000	2170.000	0.600	830.000	11.610	28.000	0.135
190.00	191.40	1.40	6076.000	178.000	31.000	1178.000	1.200	472.000	5.670	94.000	0.131
191.40	246.00	54.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB048

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	21.00	21.00	7018.000	204.000	14.000	91.000	0.100	895.000	5.500	90.000	0.692
21.00	26.00	5.00	7019.000	82.000	22.000	208.000	0.200	592.000	5.920	37.000	0.283
26.00	87.80	61.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
87.80	92.30	4.50	7020.000	251.000	46.000	825.000	1.300	495.000	19.410	93.000	0.233
92.30	95.00	2.70	7021.000	129.000	19.000	79.000	0.300	744.000	5.430	318.000	0.620
95.00	97.70	2.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
97.70	98.90	1.20	7022.000	307.000	18.000	59.000	0.800	865.000	5.680	49.000	0.839
98.90	169.50	70.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
169.50	171.00	1.50	7023.000	154.000	19.000	119.000	0.800	505.000	3.810	24.000	0.564
171.00	210.00	39.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
210.00	212.00	2.00	7024.000	108.000	24.000	37.000	0.600	627.000	4.020	32.000	0.745
212.00	213.50	1.50	7025.000	88.000	21.000	125.000	0.600	756.000	4.080	21.000	0.413
213.50	215.00	1.50	7026.000	175.000	33.000	771.000	0.400	617.000	7.120	111.000	0.185
215.00	220.50	5.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
220.50	222.00	1.50	7027.000	46.000	23.000	183.000	0.600	836.000	5.460	32.000	0.201
222.00	245.50	23.50	N.S.	N.S.	N.S.	NIL	N.S.	N.S.	N.S.	N.S.	1.000
245.50	248.00	2.50	7028.000	54.000	32.000	765.000	0.700	815.000	5.490	31.000	0.066
248.00	253.00	5.00	N.S.	NIL	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	NIL
253.00	257.00	4.00	7029.000	102.000	27.000	311.000	1.000	746.000	8.070	17.000	0.247
257.00	260.00	3.00	7030.000	72.000	17.000	323.000	1.000	600.000	6.850	15.000	0.182
260.00	262.00	2.00	7031.000	67.000	25.000	125.000	0.600	485.000	6.090	26.000	0.349
262.00	376.00	114.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB049

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	13.00	13.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
13.00	16.00	3.00	7061.000	57.000	20.000	307.000	0.900	428.000	5.740	22.000	0.157
16.00	19.00	3.00	7062.000	55.000	17.000	205.000	1.200	599.000	7.890	79.000	0.212
19.00	22.00	3.00	7063.000	66.000	22.000	223.000	0.900	595.000	8.200	16.000	0.228
22.00	25.50	3.50	7064.000	16.000	17.000	165.000	0.300	485.000	2.880	61.000	0.088
25.50	28.50	3.00	7065.000	36.000	24.000	201.000	0.600	406.000	5.510	25.000	0.152
28.50	44.00	15.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
44.00	46.00	2.00	7066.000	89.000	22.000	750.000	0.100	454.000	4.680	96.000	0.106
46.00	48.30	2.30	7067.000	420.000	56.000	2403.000	1.700	645.000	14.060	196.000	0.149
48.30	50.00	1.70	7068.000	104.000	18.000	113.000	0.700	298.000	4.850	96.000	0.479
50.00	53.00	3.00	7069.000	198.000	56.000	1771.000	1.100	298.000	4.850	96.000	0.101
53.00	56.00	3.00	7070.000	280.000	44.000	1432.000	1.600	591.000	8.190	23.000	0.164
56.00	58.00	2.00	7071.000	316.000	37.000	3105.000	1.400	748.000	11.210	10.000	0.092
58.00	61.00	3.00	7072.000	298.000	32.000	2303.000	1.200	662.000	7.980	15.000	0.115
61.00	64.00	3.00	7073.000	407.000	27.000	1999.000	1.100	488.000	5.810	31.000	0.169
64.00	66.00	2.00	7074.000	146.000	25.000	786.000	0.700	762.000	7.400	164.000	0.157
66.00	68.00	2.00	7075.000	257.000	28.000	1406.000	0.800	712.000	8.360	49.000	0.155
68.00	70.80	2.80	7076.000	71.000	22.000	433.000	0.200	465.000	5.040	16.000	0.141
70.80	256.00	185.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB050

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	42.00	42.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
42.00	44.50	2.50	7077.000	229.000	44.000	1358.000	1.100	1490.000	10.150	144.000	0.144
44.50	46.20	1.70	7078.000	106.000	17.000	84.000	TRACE	580.000	4.120	36.000	0.558
46.20	54.00	7.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
54.00	55.70	1.70	7079.000	134.000	16.000	41.000	TRACE	508.000	3.150	16.000	0.766
55.70	58.80	3.10	7080.000	282.000	84.000	2082.000	1.200	1340.000	8.590	39.000	0.119
58.80	61.00	2.20	7081.000	972.000	85.000	4036.000	2.400	851.000	22.530	51.000	0.194
61.00	62.20	1.20	7082.000	302.000	76.000	2517.000	1.100	1840.000	11.330	21.000	0.107
62.20	66.00	3.80	7083.000	139.000	17.000	154.000	0.400	719.000	6.860	23.000	0.474
66.00	69.70	3.70	7084.000	33.000	13.000	38.000	TRACE	314.000	2.150	21.000	0.465
69.70	73.00	3.30	7085.000	34.000	15.000	33.000	TRACE	398.000	2.820	14.000	0.507
73.00	157.70	84.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
157.70	162.00	4.30	7086.000	60.000	33.000	113.000	0.100	794.000	4.120	54.000	0.347
162.00	164.00	2.00	7087.000	99.000	23.000	84.000	TRACE	703.000	3.860	35.000	0.541
164.00	166.00	2.00	7088.000	25.000	29.000	86.000	TRACE	361.000	2.280	23.000	0.225
166.00	177.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
177.00	179.40	2.40	7089.000	50.000	26.000	247.000	0.500	662.000	6.190	20.000	0.168
179.40	184.20	4.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
184.20	186.70	2.50	7090.000	28.000	15.000	112.000	0.100	533.000	3.150	101.000	0.200
186.70	189.00	2.30	7091.000	134.000	33.000	435.000	0.400	801.000	8.210	200.000	0.236
189.00	191.00	2.00	7092.000	184.000	24.000	1159.000	0.200	568.000	6.240	54.000	0.137
191.00	193.00	2.00	7093.000	111.000	13.000	904.000	0.600	545.000	4.630	26.000	0.109
193.00	196.00	3.00	7094.000	139.000	27.000	1353.000	TRACE	773.000	4.580	31.000	0.093
196.00	199.00	3.00	7095.000	33.000	15.000	214.000	TRACE	114.000	1.230	11.000	0.134
199.00	202.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
202.00	204.60	2.60	7096.000	44.000	15.000	149.000	TRACE	247.000	2.970	13.000	0.228
204.60	276.00	71.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB051

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	59.00	59.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
59.00	60.40	1.40	6217.000	92.000	27.000	34.000	0.500	230.000	2.410	38.000	0.730
60.40	64.40	4.00	6218.000	354.000	84.000	2861.000	1.900	683.000	2.460	27.000	0.110
64.40	65.20	0.80	6219.000	373.000	55.000	3377.000	2.100	1410.000	12.540	64.000	0.099
65.20	66.80	1.60	6220.000	238.000	53.000	1354.000	0.800	994.000	9.430	31.000	0.149
66.80	70.00	3.20	6221.000	251.000	47.000	2286.000	1.100	994.000	9.430	31.000	0.099
70.00	72.60	2.60	6222.000	195.000	33.000	1319.000	0.700	1150.000	8.980	41.000	0.129
72.60	76.00	3.40	6223.000	102.000	21.000	91.000	TRACE	589.000	2.920	30.000	0.528
76.00	189.30	113.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
189.30	192.50	3.20	6224.000	65.000	29.000	200.000	TRACE	388.000	2.700	286.000	0.245
192.50	194.50	2.00	6225.000	46.000	21.000	208.000	TRACE	411.000	4.700	38.000	0.181
194.50	197.70	3.20	6226.000	44.000	10.000	184.000	TRACE	362.000	3.700	26.000	0.193
197.70	199.50	1.80	6227.000	84.000	9.000	203.000	TRACE	409.000	4.700	62.000	0.293
199.50	280.00	80.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
280.00	281.50	1.50	6228.000	407.000	36.000	2631.000	0.700	592.000	8.020	171.000	0.134
281.50	283.00	1.50	6229.000	165.000	18.000	945.000	0.300	627.000	6.040	106.000	0.149
283.00	285.20	2.20	6230.000	688.000	22.000	3310.000	0.900	532.000	7.380	67.000	0.172
285.20	292.80	7.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
292.80	296.00	3.20	6231.000	152.000	17.000	588.000	0.200	604.000	4.760	10.000	0.205
296.00	301.40	5.40	6232.000	74.000	14.000	604.000	0.100	485.000	3.510	15.000	0.109
301.40	302.30	0.90	6233.000	487.000	23.000	1767.000	1.900	740.000	6.140	54.000	0.216
302.30	309.70	7.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
309.70	312.00	2.30	6234.000	185.000	18.000	1947.000	0.600	650.000	8.290	22.000	0.087
312.00	315.00	3.00	6235.000	356.000	28.000	2945.000	0.600	656.000	11.090	22.000	0.108
315.00	317.70	2.70	6236.000	191.000	41.000	2742.000	1.200	522.000	6.610	22.000	0.065
317.70	319.40	1.70	6237.000	203.000	27.000	688.000	1.300	113.000	13.240	42.000	0.228
319.40	321.40	2.00	6238.000	103.000	32.000	146.000	1.000	382.000	5.240	27.000	0.414
321.40	323.00	1.60	6239.000	18.000	19.000	78.000	0.800	343.000	2.120	21.000	0.188
323.00	355.00	32.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
355.00	358.30	3.30	6240.000	14.000	15.000	71.000	0.600	257.000	1.570	23.000	0.165
358.30	404.00	45.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
404.00	406.40	2.40	6241.000	62.000	31.000	355.000	0.700	606.000	4.070	38.000	0.149
406.40	411.00	4.60	6242.000	27.000	17.000	95.000	0.500	520.000	3.270	23.000	0.221
411.00	416.00	5.00	6243.000	37.000	16.000	101.000	0.400	767.000	4.110	26.000	0.268
416.00	421.00	5.00	6244.000	37.000	13.000	86.000	0.600	596.000	3.730	24.000	0.301
421.00	546.00	125.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB052

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	131.00	131.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
403.00	405.00	2.00	6279.000	154.000	4.000	30.000	0.200	471.000	3.670	27.000	0.837
131.00	136.00	5.00	6260.000	170.000	TRACE	24.000	0.300	299.000	1.630	9.000	0.876
136.00	223.30	87.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
223.30	226.70	3.40	6261.000	130.000	8.000	28.000	0.200	589.000	2.190	13.000	0.823
226.70	230.00	3.30	6262.000	694.000	55.000	1642.000	2.700	2740.000	16.070	41.000	0.297
230.00	232.80	2.80	6263.000	415.000	51.000	2764.000	1.600	1620.000	7.650	47.000	0.131
232.80	235.00	2.20	6264.000	108.000	11.000	668.000	0.800	1450.000	5.770	213.000	0.139
235.00	237.30	2.30	6265.000	373.000	68.000	2898.000	1.800	1920.000	11.740	33.000	0.114
237.30	239.70	2.40	6266.000	509.000	79.000	5255.000	2.500	1380.000	14.730	289.000	0.088
239.70	242.00	2.30	6267.000	123.000	6.000	405.000	0.200	1570.000	5.370	26.000	0.233
242.00	311.80	69.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
311.80	315.00	3.20	6273.000	100.000	8.000	52.000	0.200	417.000	2.910	15.000	0.658
315.00	355.50	40.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
355.50	360.50	5.00	6274.000	127.000	5.000	43.000	0.100	312.000	1.960	51.000	0.747
360.50	363.00	2.50	6275.000	27.000	13.000	57.000	0.100	319.000	2.270	21.000	0.321
363.00	366.30	3.30	6276.000	46.000	4.000	141.000	TRACE	189.000	2.000	45.000	0.246
366.30	368.00	1.70	6277.000	61.000	4.000	285.000	0.100	454.000	4.470	57.000	0.176
368.00	374.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
374.00	377.50	3.50	6278.000	99.000	2.000	21.000	TRACE	224.000	1.090	13.000	0.825
377.50	403.00	25.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
405.00	434.30	29.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
434.30	436.00	1.70	6280.000	70.000	6.000	47.000	0.100	445.000	3.830	596.000	0.598
436.00	440.00	4.00	6281.000	508.000	33.000	2364.000	1.100	454.000	7.470	63.000	0.177
440.00	445.00	5.00	6282.000	84.000	7.000	137.000	0.200	298.000	2.600	29.000	0.380
445.00	448.70	3.70	6283.000	78.000	4.000	38.000	TRACE	183.000	1.570	37.000	0.672
448.70	452.00	3.30	6284.000	244.000	TRACE	287.000	TRACE	489.000	5.350	41.000	0.460
452.00	454.30	2.30	6285.000	127.000	3.000	740.000	TRACE	388.000	3.740	9.000	0.146
454.30	456.70	2.40	6286.000	298.000	20.000	1857.000	0.400	569.000	6.200	59.000	0.138
456.70	466.00	9.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
466.00	469.00	3.00	6287.000	626.000	30.000	2655.000	1.100	429.000	10.420	40.000	0.191
469.00	472.00	3.00	6288.000	269.000	34.000	897.000	1.000	572.000	8.650	26.000	0.231
472.00	474.00	2.00	6289.000	29.000	23.000	109.000	0.200	343.000	2.600	18.000	0.210
474.00	486.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
486.00	491.70	5.70	6290.000	26.000	14.000	118.000	0.300	291.000	1.770	18.000	0.181
491.70	496.00	4.30	6291.000	19.000	10.000	64.000	0.300	251.000	1.440	11.000	0.229
496.00	503.00	7.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
503.00	504.50	1.50	6292.000	34.000	19.000	115.000	0.300	427.000	2.540	17.000	0.228

** BORSURV **

ASSAY LOG
PROPERTY: OneMan Lake
HOLE No.: CB053

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	68.10	68.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
68.10	69.70	1.60	6302.000	112.000	2.000	38.000	TRACE	405.000	2.050	8.000	0.747
69.70	73.00	3.30	6303.000	130.000	28.000	109.000	0.700	769.000	7.660	16.000	0.544
73.00	76.00	3.00	6304.000	54.000	32.000	91.000	0.300	505.000	3.950	8.000	0.372
76.00	79.00	3.00	6305.000	485.000	28.000	4031.000	1.200	913.000	13.680	34.000	0.107
79.00	81.00	2.00	6306.000	50.000	5.000	260.000	0.400	671.000	3.980	99.000	0.161
81.00	165.00	84.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
165.00	167.00	2.00	6307.000	43.000	12.000	58.000	0.400	500.000	2.920	20.000	0.426
167.00	173.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
173.00	177.50	4.50	6308.000	48.000	14.000	200.000	0.200	443.000	3.850	32.000	0.194
177.50	183.00	5.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
183.00	186.00	3.00	6317.000	76.000	27.000	150.000	0.500	508.000	6.010	39.000	0.336
186.00	191.00	5.00	6309.000	66.000	5.000	116.000	0.300	451.000	3.640	75.000	0.363
191.00	195.30	4.30	6310.000	68.000	16.000	126.000	0.300	520.000	3.690	46.000	0.351
195.30	199.80	4.50	6311.000	260.000	20.000	1272.000	0.500	653.000	5.580	29.000	0.170
199.80	201.50	1.70	6312.000	257.000	26.000	1305.000	1.000	1050.000	9.300	66.000	0.165
201.50	204.00	2.50	6313.000	63.000	21.000	284.000	0.200	426.000	4.870	26.000	0.182
204.00	296.00	92.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB054

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	15.00	15.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
15.00	16.60	1.60	6314.000	379.000	51.000	2186.000	0.500	1480.000	17.840	20.000	0.148
16.60	18.50	1.90	6315.000	89.000	26.000	753.000	0.300	648.000	4.640	18.000	0.106
18.50	20.00	1.50	6316.000	486.000	38.000	1024.000	TRACE	754.000	20.350	62.000	0.322
20.00	70.30	50.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
70.30	74.00	3.70	6339.000	138.000	7.000	186.000	TRACE	424.000	3.020	12.000	0.426
74.00	76.60	2.60	6340.000	181.000	6.000	92.000	0.300	539.000	2.840	16.000	0.663
76.60	82.80	6.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
82.80	85.00	2.20	6341.000	631.000	8.000	313.000	0.100	1160.000	11.680	19.000	0.668
85.00	86.50	1.50	6342.000	182.000	15.000	246.000	TRACE	833.000	13.490	12.000	0.425
86.50	89.00	2.50	6343.000	34.000	10.000	63.000	0.500	386.000	3.470	20.000	0.351
89.00	91.40	2.40	6344.000	37.000	10.000	124.000	0.600	454.000	3.430	23.000	0.230
91.40	93.00	1.60	6345.000	70.000	20.000	210.000	0.300	628.000	9.130	12.000	0.250
93.00	95.00	2.00	6346.000	52.000	22.000	202.000	TRACE	804.000	7.770	41.000	0.205
95.00	97.00	2.00	6347.000	80.000	26.000	308.000	TRACE	470.000	9.000	12.000	0.206
97.00	99.20	2.20	6348.000	50.000	20.000	324.000	TRACE	602.000	6.170	20.000	0.134
99.20	101.50	2.30	6349.000	45.000	17.000	254.000	0.100	406.000	6.290	15.000	0.151
101.50	114.80	13.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
114.80	119.70	4.90	6350.000	104.000	8.000	949.000	0.100	823.000	5.210	108.000	0.099
119.70	122.00	2.30	6351.000	416.000	21.000	2025.000	1.300	888.000	10.130	50.000	0.170
122.00	124.60	2.60	6352.000	370.000	23.000	1313.000	0.900	783.000	10.360	166.000	0.220
124.60	126.30	1.70	6353.000	492.000	42.000	3675.000	0.300	664.000	11.670	20.000	0.118
126.30	128.00	1.70	6354.000	244.000	30.000	1637.000	0.300	812.000	8.320	21.000	0.130
128.00	130.00	2.00	6355.000	308.000	42.000	2761.000	0.300	748.000	8.140	37.000	0.100
130.00	133.00	3.00	6356.000	204.000	25.000	1871.000	TRACE	578.000	6.890	13.000	0.098
133.00	135.00	2.00	6357.000	321.000	24.000	1875.000	0.400	715.000	8.370	31.000	0.146
135.00	139.00	4.00	6358.000	199.000	21.000	804.000	TRACE	620.000	8.560	44.000	0.198
139.00	141.00	2.00	6359.000	110.000	28.000	202.000	0.400	468.000	6.740	109.000	0.353
141.00	211.80	70.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
211.80	213.00	1.20	6360.000	62.000	61.000	137.000	0.200	1250.000	5.730	54.000	0.312
213.00	216.00	3.00	6361.000	27.000	14.000	74.000	0.100	799.000	3.380	23.000	0.267
216.00	266.00	50.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB055

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	36.00	36.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
36.00	41.00	5.00	6406.000	58.000	15.000	70.000	TRACE	266.000	17.870	3.000	0.453
41.00	46.00	5.00	6407.000	49.000	13.000	65.000	TRACE	243.000	18.090	6.000	0.430
46.00	51.00	5.00	6408.000	145.000	11.000	68.000	TRACE	218.000	19.640	23.000	0.681
51.00	56.00	5.00	6409.000	123.000	14.000	180.000	TRACE	287.000	13.460	1150.000	0.406
56.00	61.00	5.00	6410.000	110.000	13.000	119.000	TRACE	356.000	10.630	304.000	0.480
61.00	66.00	5.00	6411.000	90.000	4.000	38.000	TRACE	354.000	7.800	734.000	0.703
66.00	71.20	5.20	6412.000	150.000	18.000	84.000	0.300	310.000	8.510	365.000	0.641
71.20	76.00	4.80	6413.000	194.000	9.000	61.000	0.200	414.000	9.400	192.000	0.761
76.00	81.00	5.00	6414.000	149.000	12.000	54.000	TRACE	421.000	9.240	142.000	0.734
81.00	86.00	5.00	6415.000	300.000	6.000	200.000	0.300	722.000	6.010	86.000	0.600
86.00	91.00	5.00	6416.000	45.000	8.000	25.000	TRACE	744.000	7.160	91.000	0.643
91.00	96.00	5.00	6417.000	90.000	13.000	68.000	TRACE	315.000	6.720	46.000	0.570
96.00	101.00	5.00	6418.000	99.000	10.000	43.000	TRACE	665.000	9.220	81.000	0.697
101.00	106.00	5.00	6419.000	83.000	3.000	20.000	TRACE	240.000	6.820	13.000	0.806
106.00	109.00	3.00	6420.000	100.000	9.000	27.000	TRACE	318.000	5.920	36.000	0.787
109.00	111.30	2.30	6421.000	24.000	4.000	10.000	TRACE	187.000	5.050	35.000	0.706
111.30	116.00	4.70	6422.000	13.000	4.000	11.000	TRACE	184.000	5.430	217.000	0.542
116.00	119.10	3.10	6423.000	31.000	7.000	13.000	TRACE	246.000	4.870	81.000	0.705
119.10	123.00	3.90	6424.000	154.000	16.000	261.000	TRACE	405.000	12.600	10.000	0.371
123.00	126.00	3.00	6425.000	89.000	11.000	104.000	TRACE	258.000	13.390	7.000	0.461
126.00	131.10	5.10	6426.000	76.000	1.000	105.000	TRACE	285.000	11.550	2.000	0.420
131.10	136.00	4.90	6427.000	126.000	9.000	161.000	TRACE	304.000	10.170	20.000	0.439
136.00	196.00	60.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
196.00	201.00	5.00	6428.000	31.000	3.000	15.000	0.200	531.000	5.080	21.000	0.674
201.00	206.00	5.00	6429.000	58.000	9.000	27.000	TRACE	637.000	6.680	5.000	0.682
206.00	208.10	2.10	6430.000	388.000	9.000	88.000	TRACE	358.000	15.620	TRACE	0.815
208.10	211.20	3.10	6431.000	84.000	TRACE	59.000	TRACE	437.000	8.000	34.000	0.587
211.20	215.00	3.80	6432.000	55.000	1.000	34.000	TRACE	787.000	8.230	3.000	0.618
215.00	216.50	1.50	6433.000	148.000	TRACE	39.000	0.300	659.000	13.730	14.000	0.791
216.50	220.30	3.80	6434.000	33.000	4.000	64.000	TRACE	277.000	4.740	13.000	0.340
220.30	223.40	3.10	6435.000	165.000	15.000	30.000	0.600	607.000	7.700	33.000	0.846
223.40	226.20	2.80	6436.000	143.000	8.000	71.000	1.000	1348.000	19.180	9.000	0.668
226.20	232.70	6.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
232.70	236.20	3.50	6437.000	327.000	13.000	79.000	0.600	536.000	9.180	79.000	0.805
236.20	380.00	143.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
380.00	391.50	11.50	6438.000	147.000	TRACE	73.000	0.600	359.000	6.350	9.000	0.668
391.50	393.50	2.00	6439.000	170.000	11.000	643.000	0.100	516.000	9.820	14.000	0.209
393.50	394.50	1.00	6440.000	329.000	5.000	180.000	1.200	1244.000	19.140	TRACE	0.646
394.50	408.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
408.00	410.00	2.00	6441.000	143.000	9.000	27.000	0.200	266.000	2.390	4.000	0.841
410.00	506.00	96.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB056

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	17.80	17.80	6442.000	90.000	4.000	42.000	0.500	675.000	2.840	143.000	0.682
17.80	19.00	1.20	6443.000	172.000	TRACE	193.000	0.200	1704.000	11.450	69.000	0.471
19.00	24.00	5.00	6444.000	130.000	TRACE	275.000	0.600	1150.000	8.460	132.000	0.321
24.00	36.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
36.00	41.00	5.00	6445.000	50.000	7.000	34.000	0.200	260.000	2.900	56.000	0.595
41.00	44.00	3.00	6446.000	316.000	11.000	248.000	0.500	707.000	16.940	8.000	0.560
44.00	46.00	2.00	6447.000	426.000	19.000	210.000	0.700	877.000	22.780	TRACE	0.670
46.00	49.00	3.00	6448.000	545.000	17.000	661.000	0.600	1347.000	20.430	9.000	0.452
49.00	51.00	2.00	6449.000	140.000	9.000	82.000	0.300	432.000	4.620	129.000	0.631
51.00	62.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
62.00	66.00	4.00	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
66.00	69.70	3.70	6450.000	65.000	12.000	52.000	0.400	1248.000	3.940	123.000	0.556
69.70	71.50	1.80	6451.000	185.000	12.000	52.000	0.400	797.000	9.130	111.000	0.781
71.50	73.00	1.50	6452.000	533.000	14.000	175.000	0.400	965.000	26.270	TRACE	0.753
73.00	76.00	3.00	6453.000	569.000	33.000	179.000	1.300	351.000	36.770	4.000	0.761
76.00	78.00	2.00	6454.000	674.000	33.000	353.000	1.500	1491.000	33.080	65.000	0.656
78.00	80.00	2.00	6455.000	724.000	18.000	353.000	1.200	876.000	30.090	24.000	0.672
80.00	83.50	3.50	6456.000	255.000	4.000	576.000	0.900	854.000	13.320	21.000	0.307
83.50	174.50	91.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
174.50	176.00	1.50	6457.000	212.000	6.000	59.000	1.000	208.000	3.330	14.000	0.782
176.00	178.50	2.50	6458.000	182.000	7.000	40.000	0.900	219.000	2.380	53.000	0.820

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB055

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	36.00	36.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
36.00	41.00	5.00	6406.000	58.000	15.000	70.000	TRACE	266.000	17.870	3.000	0.453
41.00	46.00	5.00	6407.000	49.000	13.000	65.000	TRACE	243.000	18.090	6.000	0.430
46.00	51.00	5.00	6408.000	145.000	11.000	68.000	TRACE	218.000	19.640	23.000	0.681
51.00	56.00	5.00	6409.000	123.000	14.000	180.000	TRACE	287.000	13.460	1150.000	0.406
56.00	61.00	5.00	6410.000	110.000	13.000	119.000	TRACE	356.000	10.630	304.000	0.480
61.00	66.00	5.00	6411.000	90.000	4.000	38.000	TRACE	354.000	7.800	734.000	0.703
66.00	71.20	5.20	6412.000	150.000	18.000	84.000	0.300	310.000	8.510	365.000	0.641
71.20	76.00	4.80	6413.000	194.000	9.000	61.000	0.200	414.000	9.400	192.000	0.761
76.00	81.00	5.00	6414.000	149.000	12.000	54.000	TRACE	421.000	9.240	142.000	0.734
81.00	86.00	5.00	6415.000	300.000	6.000	200.000	0.300	722.000	6.010	86.000	0.600
86.00	91.00	5.00	6416.000	45.000	8.000	25.000	TRACE	744.000	7.160	91.000	0.643
91.00	96.00	5.00	6417.000	90.000	13.000	68.000	TRACE	315.000	6.720	46.000	0.570
96.00	101.00	5.00	6418.000	99.000	10.000	43.000	TRACE	665.000	9.220	81.000	0.697
101.00	106.00	5.00	6419.000	83.000	3.000	20.000	TRACE	240.000	6.820	13.000	0.806
106.00	109.00	3.00	6420.000	100.000	9.000	27.000	TRACE	318.000	5.920	36.000	0.787
109.00	111.30	2.30	6421.000	24.000	4.000	10.000	TRACE	187.000	5.050	35.000	0.706
111.30	116.00	4.70	6422.000	13.000	4.000	11.000	TRACE	184.000	5.430	217.000	0.542
116.00	119.10	3.10	6423.000	31.000	7.000	13.000	TRACE	246.000	4.870	81.000	0.705
119.10	123.00	3.90	6424.000	154.000	16.000	261.000	TRACE	405.000	12.600	10.000	0.371
123.00	126.00	3.00	6425.000	89.000	11.000	104.000	TRACE	258.000	13.390	7.000	0.461
126.00	131.10	5.10	6426.000	76.000	1.000	105.000	TRACE	285.000	11.550	2.000	0.420
131.10	136.00	4.90	6427.000	126.000	9.000	161.000	TRACE	304.000	10.170	20.000	0.439
136.00	196.00	60.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
196.00	201.00	5.00	6428.000	31.000	3.000	15.000	0.200	531.000	5.080	21.000	0.674
201.00	206.00	5.00	6429.000	58.000	9.000	27.000	TRACE	637.000	6.680	5.000	0.682
206.00	208.10	2.10	6430.000	388.000	9.000	88.000	TRACE	358.000	15.620	TRACE	0.815
208.10	211.20	3.10	6431.000	84.000	TRACE	59.000	TRACE	437.000	8.000	34.000	0.587
211.20	215.00	3.80	6432.000	55.000	1.000	34.000	TRACE	787.000	8.230	3.000	0.618
215.00	216.50	1.50	6433.000	148.000	TRACE	39.000	0.300	659.000	13.730	14.000	0.791
216.50	220.30	3.80	6434.000	33.000	4.000	64.000	TRACE	277.000	4.740	13.000	0.340
220.30	223.40	3.10	6435.000	165.000	15.000	30.000	0.600	607.000	7.700	33.000	0.846
223.40	226.20	2.80	6436.000	143.000	8.000	71.000	1.000	1348.000	19.180	9.000	0.668
226.20	232.70	6.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
232.70	236.20	3.50	6437.000	327.000	13.000	79.000	0.600	536.000	9.180	79.000	0.805
236.20	380.00	143.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
380.00	391.50	11.50	6438.000	147.000	TRACE	73.000	0.600	359.000	6.350	9.000	0.668
391.50	393.50	2.00	6439.000	170.000	11.000	643.000	0.100	516.000	9.820	14.000	0.209
393.50	394.50	1.00	6440.000	329.000	5.000	180.000	1.200	1244.000	19.140	TRACE	0.646
394.50	408.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
408.00	410.00	2.00	6441.000	143.000	9.000	27.000	0.200	266.000	2.390	4.000	0.841
410.00	506.00	96.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB057

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	48.00	48.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
48.00	51.20	3.20	6493.000	59.000	13.000	84.000	TRACE	1394.000	7.900	2511.000	0.413
51.20	153.50	102.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
153.50	155.60	2.10	6494.000	223.000	5.000	49.000	0.200	860.000	7.570	873.000	0.820
155.60	227.00	71.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
227.00	229.00	2.00	6495.000	86.000	8.000	201.000	0.500	2455.000	8.700	141.000	0.300
229.00	231.50	2.50	6496.000	72.000	4.000	159.000	0.500	1712.000	6.590	45.000	0.312
231.50	233.00	1.50	6497.000	276.000	12.000	448.000	0.800	1699.000	23.050	14.000	0.381
233.00	237.30	4.30	6498.000	37.000	8.000	38.000	0.200	328.000	3.690	45.000	0.493
237.30	240.00	2.70	6499.000	90.000	8.000	103.000	0.400	677.000	7.900	12.000	0.466
240.00	243.50	3.50	6500.000	49.000	1.000	56.000	0.500	984.000	5.610	23.000	0.467
243.50	246.20	2.70	6501.000	430.000	19.000	236.000	1.000	1980.000	30.730	18.000	0.646
246.20	249.00	2.80	6507.000	430.000	45.000	137.000	0.700	542.000	36.620	3.000	0.758
249.00	251.00	2.00	6508.000	512.000	23.000	153.000	0.300	918.000	30.610	14.000	0.770
251.00	253.00	2.00	6509.000	392.000	38.000	549.000	0.500	694.000	31.160	4.000	0.417
253.00	256.00	3.00	6510.000	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
256.00	258.00	2.00	6511.000	76.000	16.000	46.000	TRACE	438.000	6.150	286.000	0.623
258.00	261.00	3.00	6512.000	49.000	5.000	38.000	0.100	257.000	3.930	36.000	0.563
261.00	266.00	5.00	6513.000	43.000	9.000	30.000	0.200	251.000	2.690	93.000	0.589
266.00	271.00	5.00	6502.000	81.000	NIL	32.000	0.300	255.000	3.530	25.000	0.717
271.00	276.00	5.00	6503.000	61.000	13.000	34.000	0.200	350.000	4.070	63.000	0.642
276.00	278.00	2.00	6504.000	75.000	9.000	50.000	TRACE	305.000	6.270	12.000	0.600
278.00	280.00	2.00	6505.000	129.000	16.000	86.000	TRACE	769.000	7.990	16.000	0.600
280.00	283.00	3.00	6506.000	411.000	25.000	194.000	0.400	2425.000	33.320	TRACE	0.679
283.00	436.00	153.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG
PROPERTY: OneMan Lake
HOLE No.: CB115

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	89.00	89.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
89.00	94.00	5.00	5298.000	105.000	6.000	53.000	0.100	683.000	3.490	23.000	0.665
94.00	98.80	4.80	5299.000	146.000	12.000	65.000	0.200	410.000	3.210	58.000	0.692
98.80	102.80	4.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
102.80	106.00	3.20	5300.000	97.000	13.000	77.000	0.300	393.000	3.660	117.000	0.557
106.00	111.00	5.00	5301.000	60.000	4.000	32.000	0.200	280.000	2.660	52.000	0.652
111.00	116.00	5.00	5302.000	81.000	4.000	44.000	0.200	385.000	3.440	39.000	0.648
116.00	121.00	5.00	5303.000	50.000	23.000	94.000	0.400	643.000	3.280	9.000	0.347
121.00	124.30	3.30	5304.000	60.000	20.000	129.000	0.200	508.000	3.300	21.000	0.317
124.30	134.00	9.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
134.00	137.80	3.80	5305.000	304.000	24.000	3048.000	0.800	507.000	8.900	20.000	0.091
137.80	140.00	2.20	5306.000	327.000	41.000	5869.000	0.800	322.000	11.130	20.000	0.053
140.00	142.00	2.00	5307.000	206.000	29.000	5842.000	0.400	424.000	9.240	78.000	0.034
142.00	145.00	3.00	5308.000	1244.000	56.000	5450.000	1.600	419.000	16.810	51.000	0.186
145.00	147.30	2.30	5309.000	765.000	67.000	4414.000	1.700	496.000	19.950	61.000	0.148
147.30	150.00	2.70	5310.000	70.000	25.000	735.000	0.500	677.000	3.680	12.000	0.087
150.00	153.00	3.00	5311.000	757.000	46.000	2652.000	1.200	439.000	16.790	28.000	0.222
153.00	155.40	2.40	5312.000	958.000	73.000	5839.000	3.900	565.000	20.820	427.000	0.141
155.40	157.20	1.80	5313.000	79.000	44.000	429.000	0.400	882.000	1.930	14.000	0.156
157.20	159.30	2.10	5314.000	239.000	18.000	719.000	0.200	707.000	8.130	18.000	0.249
159.30	161.00	1.70	5315.000	75.000	29.000	1344.000	0.200	287.000	3.260	12.000	0.053
161.00	163.00	2.00	5316.000	408.000	27.000	4026.000	0.600	391.000	9.620	4.000	0.092
163.00	166.00	3.00	5317.000	418.000	40.000	3812.000	0.600	277.000	12.930	10.000	0.099
166.00	169.00	3.00	5318.000	517.000	29.000	5673.000	0.200	460.000	10.810	6.000	0.084
169.00	171.20	2.20	5319.000	463.000	22.000	6389.000	TRACE	341.000	12.060	TRACE	0.068
171.20	173.00	1.80	5320.000	319.000	28.000	6932.000	0.200	371.000	11.600	TRACE	0.044
173.00	176.00	3.00	5321.000	452.000	52.000	3747.000	1.600	482.000	14.260	6.000	0.108
176.00	178.00	2.00	5322.000	340.000	22.000	2739.000	1.400	206.000	12.470	4.000	0.110
178.00	181.00	3.00	5323.000	759.000	29.000	4114.000	1.100	347.000	15.660	12.000	0.156
181.00	183.00	2.00	5324.000	131.000	25.000	1536.000	0.200	625.000	4.840	19.000	0.079
183.00	187.10	4.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
187.10	190.00	2.90	5325.000	89.000	35.000	1210.000	0.200	301.000	6.630	10.000	0.069
190.00	192.00	2.00	5326.000	179.000	45.000	1982.000	1.600	364.000	7.660	4.000	0.083
192.00	195.00	3.00	5327.000	108.000	35.000	1755.000	1.400	308.000	6.790	133.000	0.058
195.00	197.80	2.80	5328.000	504.000	39.000	5296.000	0.700	451.000	12.340	9.000	0.087
197.80	203.50	5.70	5329.000	72.000	31.000	396.000	TRACE	272.000	2.790	58.000	0.154
203.50	206.00	2.50	5330.000	365.000	28.000	2739.000	0.200	426.000	10.170	15.000	0.118
206.00	209.00	3.00	5331.000	316.000	16.000	1011.000	0.700	603.000	8.400	3.000	0.238
209.00	211.40	2.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
211.40	214.00	2.60	5332.000	153.000	27.000	312.000	0.600	522.000	10.370	53.000	0.329
214.00	218.00	4.00	5333.000	32.000	13.000	136.000	2.100	261.000	3.760	128.000	0.190
218.00	229.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB116

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	24.60	24.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
24.60	28.40	3.80	5334.000	903.000	46.000	3228.000	2.000	384.000	14.960	21.000	0.219
28.40	31.50	3.10	5335.000	87.000	18.000	650.000	0.900	152.000	2.950	5.000	0.118
31.50	34.00	2.50	5336.000	535.000	46.000	4198.000	1.100	400.000	15.560	40.000	0.113
34.00	40.30	6.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
40.30	44.20	3.90	5337.000	724.000	50.000	6308.000	1.100	583.000	17.290	29.000	0.103
44.20	46.50	2.30	5338.000	256.000	31.000	3019.000	0.400	555.000	9.770	6.000	0.078
46.50	48.60	2.10	5339.000	220.000	31.000	6412.000	0.400	263.000	8.950	12.000	0.033
48.60	50.90	2.30	5340.000	480.000	37.000	7347.000	0.800	530.000	11.990	28.000	0.061
50.90	52.50	1.60	5341.000	503.000	38.000	6373.000	0.700	508.000	15.090	80.000	0.067
52.50	55.50	3.00	5342.000	417.000	33.000	2823.000	0.400	499.000	11.140	31.000	0.129
55.50	57.50	2.00	5343.000	294.000	24.000	2080.000	1.900	287.000	9.430	21.000	0.124
57.50	59.50	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
59.50	63.70	4.20	5344.000	132.000	19.000	524.000	0.400	57.000	4.330	12.000	0.201
63.70	66.00	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
66.00	68.50	2.50	5345.000	67.000	14.000	722.000	0.300	58.000	2.450	45.000	0.085
68.50	71.50	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
71.50	75.00	3.50	5346.000	239.000	20.000	1337.000	2.200	98.000	9.410	6.000	0.152
75.00	87.80	12.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
87.80	90.40	2.60	5347.000	417.000	31.000	5141.000	0.600	421.000	11.950	9.000	0.075
90.40	93.00	2.60	5348.000	274.000	26.000	3220.000	0.500	425.000	11.710	85.000	0.078
93.00	95.10	2.10	5349.000	328.000	30.000	3715.000	0.400	305.000	11.620	24.000	0.081
95.10	98.00	2.90	5350.000	446.000	44.000	6402.000	0.900	316.000	15.740	24.000	0.065
98.00	100.00	2.00	5351.000	620.000	70.000	6437.000	2.700	472.000	17.410	27.000	0.088
100.00	103.00	3.00	5352.000	296.000	25.000	2623.000	0.400	622.000	10.290	19.000	0.101
103.00	105.00	2.00	5353.000	211.000	14.000	3005.000	0.400	589.000	8.320	26.000	0.066
105.00	107.00	2.00	5354.000	113.000	16.000	1877.000	2.000	681.000	5.510	20.000	0.057
107.00	109.60	2.60	5355.000	538.000	40.000	3650.000	1.100	580.000	15.830	26.000	0.128
109.60	112.80	3.20	5356.000	40.000	26.000	293.000	1.000	90.000	1.890	TRACE	0.120
112.80	115.00	2.20	5357.000	250.000	78.000	2440.000	1.000	260.000	10.370	17.000	0.093
115.00	117.00	2.00	5358.000	967.000	30.000	2469.000	2.500	305.000	6.510	15.000	0.281
117.00	120.30	3.30	5359.000	282.000	36.000	1968.000	0.800	434.000	13.130	26.000	0.125
120.30	122.00	1.70	5360.000	297.000	39.000	279.000	1.100	757.000	14.190	65.000	0.516
122.00	124.90	2.90	5361.000	556.000	43.000	1297.000	2.000	528.000	16.410	31.000	0.300
124.90	127.00	2.10	5362.000	562.000	40.000	1751.000	9.000	301.000	16.460	45.000	0.243
127.00	129.00	2.00	5363.000	404.000	30.000	1714.000	1.000	335.000	12.820	13.000	0.191
129.00	131.00	2.00	5364.000	684.000	39.000	2977.000	2.600	436.000	13.360	21.000	0.187
131.00	134.00	3.00	5365.000	472.000	41.000	2697.000	1.100	265.000	16.960	19.000	0.149
134.00	136.00	2.00	5366.000	360.000	32.000	3916.000	2.500	229.000	12.830	41.000	0.084
136.00	140.00	4.00	5367.000	466.000	37.000	4837.000	1.400	346.000	13.470	21.000	0.088
140.00	142.00	2.00	5368.000	342.000	223.000	5335.000	0.700	700.000	11.230	82.000	0.060
142.00	146.00	4.00	5369.000	262.000	39.000	4099.000	1.000	476.000	11.180	32.000	0.060
146.00	149.00	3.00	5370.000	350.000	18.000	3055.000	0.800	389.000	11.030	20.000	0.103
149.00	152.00	3.00	5371.000	311.000	31.000	3855.000	1.500	435.000	13.090	28.000	0.075
152.00	156.00	4.00	5372.000	393.000	29.000	6557.000	0.400	468.000	8.950	12.000	0.057
156.00	158.20	2.20	5373.000	622.000	51.000	5643.000	4.700	380.000	19.030	43.000	0.099
158.20	161.00	2.80	5374.000	313.000	30.000	5025.000	5.000	415.000	10.580	11.000	0.059
161.00	164.00	3.00	5375.000	666.000	51.000	3559.000	4.700	514.000	17.010	46.000	0.158
164.00	166.00	2.00	5376.000	769.000	40.000	3742.000	1.000	440.000	19.240	10.000	0.170
166.00	168.70	2.70	5377.000	308.000	31.000	3808.000	0.200	485.000	11.420	7.000	0.075

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB116

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
168.70	171.00	2.30	5378.000	375.000	22.000	2523.000	0.400	334.000	7.730	9.000	0.129
171.00	174.00	3.00	5379.000	654.000	39.000	2538.000	3.900	544.000	14.530	33.000	0.205
174.00	177.20	3.20	5380.000	680.000	40.000	4320.000	2.000	544.000	14.340	29.000	0.136
177.20	179.00	1.80	5381.000	76.000	38.000	2497.000	0.700	209.000	3.420	134.000	0.030
179.00	182.00	3.00	5382.000	463.000	38.000	4582.000	0.600	395.000	16.060	67.000	0.092
182.00	184.00	2.00	5383.000	417.000	47.000	4777.000	1.100	587.000	12.900	31.000	0.080
184.00	186.00	2.00	5384.000	384.000	22.000	3468.000	0.600	370.000	13.130	33.000	0.100
186.00	188.00	2.00	5385.000	490.000	10.000	6340.000	TRACE	463.000	11.870	4.000	0.072
188.00	190.60	2.60	5386.000	562.000	13.000	7366.000	0.800	457.000	14.310	34.000	0.071
190.60	194.00	3.40	5387.000	171.000	8.000	1232.000	TRACE	616.000	4.240	12.000	0.122
194.00	198.00	4.00	5388.000	158.000	29.000	1795.000	TRACE	286.000	5.530	TRACE	0.081
198.00	201.00	3.00	5389.000	333.000	13.000	3371.000	0.200	367.000	8.730	20.000	0.090
201.00	204.00	3.00	5390.000	488.000	17.000	4549.000	0.400	470.000	14.950	26.000	0.097
204.00	207.00	3.00	5391.000	256.000	13.000	3921.000	2.400	482.000	9.650	13.000	0.061
207.00	210.00	3.00	5392.000	399.000	15.000	4993.000	1.600	432.000	11.910	22.000	0.074
210.00	213.00	3.00	5393.000	363.000	20.000	4657.000	0.800	341.000	13.060	8.000	0.072
213.00	217.30	4.30	5394.000	513.000	19.000	1058.000	0.900	268.000	16.560	37.000	0.327
217.30	221.80	4.50	5395.000	140.000	19.000	499.000	0.500	311.000	6.330	4.000	0.219
221.80	224.30	2.50	5396.000	98.000	30.000	253.000	0.200	392.000	5.250	22.000	0.279
224.30	229.10	4.80	5397.000	202.000	17.000	220.000	0.400	490.000	8.720	71.000	0.479
229.10	234.00	4.90	5398.000	287.000	19.000	178.000	0.300	363.000	11.570	141.000	0.617
234.00	239.00	5.00	5399.000	289.000	13.000	145.000	0.600	437.000	12.550	223.000	0.666
239.00	244.00	5.00	5400.000	291.000	12.000	189.000	0.400	437.000	11.650	180.000	0.606
244.00	249.00	5.00	5401.000	286.000	8.000	152.000	0.500	376.000	11.200	43.000	0.653
249.00	253.00	4.00	5402.000	310.000	2.000	105.000	1.400	339.000	11.690	127.000	0.747
253.00	258.00	5.00	5403.000	285.000	3.000	112.000	2.100	286.000	11.170	27.000	0.718
258.00	261.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
261.00	263.50	2.50	5404.000	95.000	19.000	198.000	TRACE	400.000	3.140	25.000	0.324
263.50	268.00	4.50	5405.000	120.000	20.000	164.000	1.900	226.000	5.800	108.000	0.423
268.00	273.00	5.00	5406.000	166.000	14.000	252.000	0.200	579.000	10.040	156.000	0.397
273.00	276.00	3.00	5407.000	103.000	30.000	163.000	1.100	355.000	5.340	28.000	0.387
276.00	280.80	4.80	5408.000	58.000	19.000	215.000	1.500	310.000	5.080	54.000	0.212
280.80	284.60	3.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
284.60	287.00	2.40	5409.000	13.000	33.000	24.000	5.300	339.000	2.110	16.000	0.351
287.00	289.40	2.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
289.40	294.00	4.60	5410.000	165.000	29.000	346.000	1.100	535.000	7.940	58.000	0.323
294.00	304.00	10.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB117

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	157.80	157.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
157.80	160.00	2.20	5411.000	713.000	39.000	2444.000	3.100	410.000	16.390	37.000	0.226
160.00	162.00	2.00	5412.000	425.000	33.000	3364.000	1.500	436.000	13.200	31.000	0.112
162.00	164.00	2.00	5413.000	353.000	30.000	3763.000	0.900	562.000	11.090	10.000	0.086
164.00	166.60	2.60	5414.000	321.000	19.000	3265.000	3.400	579.000	9.570	18.000	0.090
166.60	170.00	3.40	5415.000	416.000	18.000	3064.000	1.700	633.000	13.450	20.000	0.120
170.00	172.50	2.50	5416.000	458.000	13.000	6413.000	1.200	396.000	14.250	64.000	0.067
172.50	174.40	1.90	5417.000	394.000	11.000	2047.000	0.300	453.000	9.920	20.000	0.161
174.40	178.00	3.60	5418.000	47.000	9.000	449.000	TRACE	263.000	1.440	12.000	0.095
178.00	181.00	3.00	5419.000	283.000	4.000	4004.000	2.100	450.000	8.950	77.000	0.066
181.00	184.30	3.30	5420.000	304.000	11.000	3810.000	2.000	492.000	10.420	29.000	0.074
184.30	187.20	2.90	5421.000	536.000	22.000	5303.000	0.700	516.000	13.320	47.000	0.092
187.20	189.80	2.60	5422.000	392.000	22.000	2837.000	2.100	456.000	14.470	44.000	0.121
189.80	194.20	4.40	5423.000	528.000	22.000	6250.000	2.400	529.000	12.040	52.000	0.078
194.20	242.00	47.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB118

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	101.70	101.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
101.70	104.00	2.30	5485.000	169.000	19.000	80.000	1.200	323.000	5.910	33.000	0.679
104.00	106.30	2.30	5486.000	129.000	21.000	285.000	1.000	463.000	6.440	33.000	0.312
106.30	108.80	2.50	5487.000	1120.000	33.000	5660.000	4.800	504.000	24.400	31.000	0.165
108.80	111.00	2.20	5488.000	805.000	22.000	2840.000	4.200	237.000	17.800	TRACE	0.221
111.00	113.00	2.00	5489.000	1030.000	25.000	2860.000	5.000	402.000	19.600	18.000	0.265
113.00	114.60	1.60	5490.000	268.000	18.000	3810.000	2.000	472.000	14.300	40.000	0.066
114.60	116.30	1.70	5491.000	31.000	16.000	167.000	0.400	105.000	2.010	17.000	0.157
116.30	128.50	12.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
128.50	130.50	2.00	5492.000	1130.000	12.000	69.000	2.600	194.000	3.400	3.000	0.942
130.50	196.00	65.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB119

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	60.00	60.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
60.00	61.00	1.00	5530.000	230.000	16.000	621.000	0.200	464.000	6.130	89.000	0.270
61.00	63.00	2.00	5531.000	373.000	28.000	1815.000	1.000	793.000	13.000	45.000	0.170
63.00	64.00	1.00	5532.000	348.000	22.000	493.000	0.500	676.000	10.500	5.000	0.414
64.00	221.00	157.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
221.00	223.00	2.00	5533.000	160.000	24.000	613.000	1.000	556.000	8.050	77.000	0.207
223.00	224.00	1.00	5534.000	124.000	27.000	180.000	0.400	757.000	6.740	308.000	0.408
224.00	226.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan lake

HOLE No.: CB120

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	5.00	5.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
5.00	7.40	2.40	5561.000	15.000	9.000	91.000	TRACE	695.000	2.330	65.000	0.142
7.40	12.00	4.60	5562.000	132.000	17.000	169.000	0.500	643.000	8.280	13.000	0.439
12.00	15.00	3.00	5563.000	102.000	24.000	211.000	1.100	688.000	10.630	19.000	0.326
15.00	18.00	3.00	5564.000	131.000	6.000	273.000	1.000	1060.000	11.080	99.000	0.324
18.00	20.40	2.40	5565.000	101.000	9.000	177.000	1.100	933.000	8.670	49.000	0.363
20.40	22.40	2.00	5566.000	65.000	9.000	77.000	1.100	672.000	8.630	19.000	0.458
22.40	24.80	2.40	5567.000	154.000	6.000	171.000	1.500	699.000	11.100	22.000	0.474
24.80	28.00	3.20	5568.000	62.000	16.000	111.000	1.800	932.000	6.980	126.000	0.358
28.00	31.00	3.00	5569.000	54.000	11.000	72.000	1.100	866.000	6.730	141.000	0.429
31.00	33.80	2.80	5570.000	60.000	5.000	93.000	0.700	637.000	5.990	188.000	0.392
33.80	36.70	2.90	5571.000	110.000	8.000	103.000	1.400	545.000	9.440	127.000	0.516
36.70	39.70	3.00	5572.000	74.000	5.000	80.000	0.900	774.000	7.690	350.000	0.481
39.70	43.20	3.50	5573.000	247.000	27.000	55.000	2.500	267.000	29.620	12.000	0.818
43.20	46.00	2.80	5574.000	566.000	15.000	81.000	2.100	844.000	25.510	123.000	0.875
46.00	48.00	2.00	5575.000	299.000	20.000	44.000	1.100	271.000	26.980	66.000	0.872
48.00	50.20	2.20	5576.000	229.000	11.000	100.000	0.900	987.000	12.010	755.000	0.696
50.20	53.60	3.40	5577.000	160.000	5.000	60.000	0.500	887.000	11.420	68.000	0.727
53.60	56.60	3.00	5578.000	280.000	33.000	72.000	1.700	400.000	32.450	55.000	0.795
56.60	59.00	2.40	5579.000	310.000	9.000	56.000	1.400	283.000	27.100	28.000	0.847
59.00	63.00	4.00	5580.000	334.000	26.000	90.000	2.000	271.000	33.630	81.000	0.788
63.00	66.00	3.00	5581.000	199.000	19.000	59.000	1.200	206.000	31.250	107.000	0.771
66.00	68.00	2.00	5582.000	363.000	20.000	60.000	1.700	171.000	32.150	164.000	0.858
68.00	73.00	5.00	5583.000	50.000	8.000	82.000	0.500	793.000	6.800	537.000	0.379
73.00	76.00	3.00	5584.000	156.000	9.000	69.000	1.200	366.000	17.340	943.000	0.693
76.00	77.80	1.80	5585.000	180.000	17.000	78.000	1.100	553.000	12.490	89.000	0.698
77.80	80.00	2.20	5586.000	153.000	18.000	59.000	1.800	580.000	14.730	35.000	0.722
80.00	84.00	4.00	5587.000	122.000	21.000	60.000	1.300	513.000	13.380	181.000	0.670
84.00	87.00	3.00	5588.000	67.000	16.000	82.000	0.700	789.000	8.340	580.000	0.450
87.00	90.00	3.00	5589.000	103.000	11.000	57.000	0.700	554.000	9.890	115.000	0.644
90.00	93.00	3.00	5590.000	71.000	17.000	67.000	0.600	783.000	7.700	199.000	0.514
93.00	96.00	3.00	5591.000	52.000	12.000	96.000	0.400	772.000	6.420	316.000	0.351
96.00	99.00	3.00	5592.000	123.000	6.000	46.000	0.600	488.000	10.750	164.000	0.728
99.00	102.00	3.00	5593.000	260.000	24.000	55.000	2.300	370.000	22.020	1006.000	0.825
102.00	104.90	2.90	5594.000	133.000	15.000	102.000	1.900	742.000	13.190	565.000	0.566
104.90	108.90	4.00	5595.000	130.000	17.000	93.000	1.000	1075.000	13.890	1371.000	0.583
108.90	111.00	2.10	5596.000	250.000	8.000	60.000	2.300	669.000	23.570	9.000	0.806
111.00	114.20	3.20	5597.000	206.000	2.000	47.000	0.400	901.000	11.860	44.000	0.814
114.20	117.00	2.80	5598.000	130.000	9.000	45.000	0.500	698.000	14.660	17.000	0.743
117.00	120.30	3.30	5599.000	235.000	18.000	201.000	1.900	974.000	20.890	76.000	0.539
120.30	125.00	4.70	5600.000	35.000	15.000	65.000	0.800	799.000	6.430	227.000	0.350
125.00	129.00	4.00	5601.000	115.000	2543.000	1032.000	0.600	1578.000	7.560	133.000	0.100
129.00	133.00	4.00	5602.000	64.000	18.000	127.000	0.700	866.000	7.320	96.000	0.335
133.00	135.00	2.00	5603.000	157.000	30.000	125.000	1.700	910.000	14.290	69.000	0.557
135.00	138.50	3.50	5604.000	32.000	128.000	126.000	0.200	1218.000	5.120	103.000	0.203
138.50	143.00	4.50	5605.000	129.000	16.000	335.000	0.300	1278.000	12.200	27.000	0.278
143.00	146.00	3.00	5606.000	208.000	8.000	970.000	0.800	1553.000	19.080	28.000	0.177
146.00	149.00	3.00	5607.000	138.000	12.000	414.000	0.700	2190.000	12.180	22.000	0.250
149.00	151.80	2.80	5608.000	204.000	178.000	100.000	1.000	780.000	14.800	31.000	0.671
151.80	156.00	4.20	5609.000	230.000	17.000	95.000	2.000	842.000	22.400	64.000	0.708

** BORSURV **

ASSAY LOG

PROPERTY: OneMan lake

HOLE No.: CB120

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
156.00	160.00	4.00	5610.000	237.000	13.000	558.000	1.600	1153.000	22.300	17.000	0.298
160.00	164.00	4.00	5611.000	30.000	45.000	197.000	TRACE	1890.000	4.360	48.000	0.132
164.00	167.00	3.00	5612.000	97.000	111.000	733.000	0.700	1143.000	11.250	508.000	0.117
167.00	170.00	3.00	5613.000	115.000	38.000	250.000	0.900	1008.000	12.710	36.000	0.315
170.00	173.00	3.00	5614.000	120.000	35.000	203.000	1.400	1153.000	12.910	28.000	0.372
173.00	176.00	3.00	5615.000	168.000	29.000	419.000	1.100	923.000	15.400	174.000	0.286
176.00	179.00	3.00	5616.000	187.000	18.000	2010.000	TRACE	766.000	11.480	25.000	0.085
179.00	181.70	2.70	5617.000	121.000	21.000	2342.000	TRACE	643.000	10.010	267.000	0.049
181.70	183.70	2.00	5618.000	272.000	35.000	9688.000	1.300	457.000	17.800	20.000	0.027
183.70	186.00	2.30	5619.000	63.000	136.000	991.000	0.400	731.000	7.280	37.000	0.060
186.00	189.00	3.00	5620.000	54.000	83.000	384.000	TRACE	409.000	6.870	23.000	0.123
189.00	192.50	3.50	5621.000	38.000	15.000	583.000	TRACE	366.000	3.900	57.000	0.061
192.50	196.00	3.50	5622.000	122.000	24.000	1404.000	1.100	589.000	9.790	93.000	0.080
196.00	198.40	2.40	5623.000	71.000	16.000	277.000	1.000	427.000	8.810	54.000	0.204
198.40	201.00	2.60	5624.000	110.000	44.000	2425.000	1.100	671.000	12.990	140.000	0.043
201.00	204.00	3.00	5625.000	155.000	51.000	1347.000	1.300	849.000	13.420	83.000	0.103
204.00	208.00	4.00	5626.000	117.000	58.000	746.000	1.300	630.000	7.920	166.000	0.136
208.00	210.90	2.90	5627.000	281.000	27.000	2218.000	2.600	813.000	21.180	131.000	0.112
210.90	214.00	3.10	5628.000	381.000	50.000	2744.000	2.000	1153.000	18.600	20.000	0.122
214.00	217.00	3.00	5629.000	225.000	61.000	2703.000	2.700	1589.000	21.990	37.000	0.077
217.00	221.00	4.00	5630.000	382.000	52.000	3942.000	1.400	1878.000	16.180	19.000	0.088
221.00	225.00	4.00	5631.000	251.000	54.000	1053.000	2.300	1539.000	12.500	27.000	0.192
225.00	228.40	3.40	5632.000	205.000	19.000	2071.000	0.600	1076.000	9.930	20.000	0.090
228.40	231.00	2.60	5633.000	45.000	15.000	122.000	TRACE	941.000	4.110	23.000	0.269
231.00	234.00	3.00	5634.000	64.000	9.000	94.000	0.400	1016.000	6.320	16.000	0.405
234.00	237.00	3.00	5635.000	59.000	13.000	89.000	0.500	753.000	5.310	53.000	0.399
237.00	240.00	3.00	5536.000	66.000	16.000	411.000	0.400	810.000	8.070	12.000	0.138
240.00	243.00	3.00	5637.000	150.000	15.000	296.000	0.400	954.000	11.990	24.000	0.336
243.00	245.30	2.30	5538.000	145.000	15.000	346.000	0.500	1367.000	12.760	20.000	0.295
245.30	246.70	1.40	5639.000	21.000	9.000	85.000	0.200	1498.000	4.610	23.000	0.198
246.70	249.50	2.80	5640.000	202.000	29.000	270.000	0.600	1383.000	17.570	22.000	0.428
249.50	253.00	3.50	5641.000	191.000	18.000	227.000	0.600	1810.000	14.870	40.000	0.457
253.00	256.00	3.00	5642.000	172.000	31.000	248.000	0.500	1939.000	15.330	39.000	0.410
256.00	259.00	3.00	5643.000	205.000	27.000	318.000	0.600	1581.000	15.430	35.000	0.392
259.00	262.00	3.00	5644.000	207.000	25.000	183.000	0.500	2443.000	17.470	77.000	0.531
262.00	265.00	3.00	5645.000	219.000	9.000	283.000	0.400	3387.000	14.680	93.000	0.436
265.00	268.10	3.10	5646.000	184.000	17.000	179.000	0.500	1898.000	18.060	60.000	0.507
268.10	271.00	2.90	5647.000	301.000	116.000	125.000	0.900	930.000	20.910	15.000	0.707
271.00	274.00	3.00	5648.000	203.000	25.000	105.000	0.700	1621.000	15.880	12.000	0.659
274.00	277.00	3.00	5649.000	247.000	24.000	268.000	0.500	1200.000	14.300	6.000	0.480
277.00	280.00	3.00	5650.000	211.000	21.000	289.000	0.600	2092.000	10.660	4.000	0.422
280.00	283.00	3.00	5651.000	183.000	28.000	279.000	0.700	2063.000	19.400	6.000	0.396
283.00	286.00	3.00	5652.000	275.000	26.000	338.000	0.600	1831.000	13.030	14.000	0.449
286.00	289.00	3.00	5653.000	263.000	30.000	410.000	0.600	5226.000	14.690	15.000	0.391
289.00	292.00	3.00	5654.000	301.000	33.000	378.000	0.800	2045.000	17.460	90.000	0.443
292.00	295.30	3.30	5655.000	239.000	21.000	202.000	0.700	1530.000	14.550	179.000	0.542
295.30	298.00	2.70	5656.000	27.000	6.000	48.000	0.400	975.000	3.900	36.000	0.360
298.00	301.00	3.00	5657.000	22.000	10.000	51.000	0.600	857.000	3.170	54.000	0.301
301.00	306.00	5.00	5658.000	22.000	18.000	79.000	0.400	635.000	3.700	237.000	0.218
306.00	309.00	3.00	5659.000	25.000	9.000	42.000	0.500	635.000	3.440	224.000	0.373

** BORSURV **

ASSAY LOG

PROPERTY: OneMan lake

HOLE No.: CB120

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
309.00	312.00	3.00	5660.000	78.000	5.000	216.000	0.600	827.000	9.080	50.000	0.265
312.00	315.00	3.00	5661.000	69.000	17.000	93.000	0.700	978.000	5.230	22.000	0.426
315.00	318.00	3.00	5562.000	92.000	15.000	229.000	0.500	772.000	9.370	37.000	0.287
318.00	321.00	3.00	5663.000	210.000	15.000	168.000	1.000	1068.000	13.150	21.000	0.556
321.00	324.00	3.00	5664.000	84.000	15.000	74.000	0.400	1036.000	7.880	17.000	0.532
324.00	327.00	3.00	5665.000	85.000	21.000	272.000	0.700	826.000	5.780	21.000	0.238
327.00	330.00	3.00	5666.000	56.000	29.000	270.000	0.600	729.000	4.620	21.000	0.172
330.00	333.00	3.00	5667.000	78.000	33.000	1920.000	0.600	1178.000	6.640	18.000	0.039
333.00	336.00	3.00	5668.000	113.000	23.000	2081.000	0.700	1338.000	8.120	22.000	0.052
336.00	339.00	3.00	5669.000	120.000	36.000	919.000	0.800	1426.000	8.280	17.000	0.115
339.00	342.50	3.50	5670.000	69.000	23.000	1145.000	0.600	667.000	7.690	149.000	0.057
342.50	345.00	2.50	5671.000	198.000	35.000	3291.000	0.300	1455.000	11.020	17.000	0.057
345.00	348.00	3.00	5672.000	590.000	76.000	2292.000	1.400	1368.000	26.750	23.000	0.205
348.00	351.00	3.00	5673.000	528.000	60.000	7029.000	3.500	1677.000	26.020	11.000	0.070
351.00	354.00	3.00	5674.000	494.000	70.000	2372.000	1.100	953.000	29.920	103.000	0.172
354.00	356.00	2.00	5675.000	368.000	71.000	1932.000	1.000	1158.000	26.090	16.000	0.160
356.00	359.00	3.00	5676.000	317.000	41.000	4845.000	0.800	1949.000	20.020	37.000	0.061
359.00	362.00	3.00	5677.000	277.000	44.000	3402.000	0.800	1433.000	14.820	30.000	0.075
362.00	365.00	3.00	5678.000	155.000	41.000	1265.000	0.700	1262.000	11.940	18.000	0.109
365.00	367.60	2.60	5679.000	221.000	38.000	1009.000	1.000	716.000	20.260	20.000	0.180
367.60	370.00	2.40	5680.000	364.000	71.000	745.000	1.500	447.000	30.000	101.000	0.328
370.00	373.00	3.00	5681.000	213.000	41.000	982.000	0.800	587.000	17.160	19.000	0.178
373.00	376.00	3.00	5682.000	363.000	35.000	2078.000	0.800	579.000	17.260	17.000	0.149
376.00	379.20	3.20	5683.000	220.000	20.000	366.000	0.600	418.000	17.190	10.000	0.375
379.20	381.70	2.50	5684.000	187.000	34.000	146.000	0.700	508.000	20.530	239.000	0.562
381.70	383.70	2.00	5685.000	214.000	32.000	591.000	0.700	1558.000	17.370	561.000	0.266
383.70	386.40	2.70	5686.000	86.000	24.000	466.000	0.400	1548.000	7.710	1469.000	0.156
386.40	389.60	3.20	5687.000	278.000	103.000	2243.000	0.500	808.000	16.100	67.000	0.110
389.60	392.00	2.40	5688.000	438.000	73.000	773.000	0.900	540.000	22.340	1733.000	0.362
392.00	394.00	2.00	5689.000	294.000	110.000	3583.000	0.700	1194.000	18.690	8338.000	0.076
394.00	395.80	1.80	5690.000	82.000	13.000	546.000	0.200	841.000	6.640	238.000	0.131
395.80	399.00	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
399.00	401.00	2.00	5691.000	195.000	20.000	152.000	0.400	656.000	13.710	301.000	0.562
401.00	412.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
412.00	415.00	3.00	5692.000	57.000	8.000	82.000	0.200	656.000	6.730	134.000	0.410
415.00	417.00	2.00	5693.000	151.000	9.000	79.000	0.300	378.000	13.820	91.000	0.657

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB121

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	153.40	153.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
153.40	157.00	3.60	5694.000	58.000	15.000	432.000	0.600	322.000	3.640	19.000	0.118
157.00	159.40	2.40	5695.000	35.000	11.000	244.000	0.400	290.000	2.580	10.000	0.125
159.40	162.00	2.60	5696.000	21.000	6.000	116.000	0.300	220.000	1.720	13.000	0.153
162.00	165.50	3.50	5697.000	32.000	12.000	188.000	0.200	397.000	2.800	9.000	0.145
165.50	167.00	1.50	5698.000	69.000	10949.000	9959.000	10.800	625.000	4.210	21.000	0.007
167.00	171.00	4.00	5699.000	37.000	59.000	275.000	0.200	398.000	2.850	15.000	0.119
171.00	173.50	2.50	5700.000	22.000	26.000	113.000	0.200	398.000	2.510	8.000	0.163
173.50	192.00	18.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
192.00	194.20	2.20	5701.000	48.000	21.000	224.000	0.300	342.000	4.090	16.000	0.176
194.20	196.90	2.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
196.90	200.00	3.10	5702.000	40.000	17.000	189.000	0.400	195.000	2.650	11.000	0.175
200.00	203.30	3.30	5703.000	20.000	15.000	223.000	0.300	339.000	3.270	15.000	0.082
203.30	206.00	2.70	5704.000	37.000	10.000	743.000	0.400	482.000	4.630	10.000	0.047
206.00	210.00	4.00	5705.000	18.000	10.000	293.000	0.300	239.000	3.140	10.000	0.058
210.00	212.20	2.20	5706.000	83.000	20.000	187.000	0.600	293.000	15.990	121.000	0.322
212.20	216.20	4.00	5707.000	11.000	20.000	358.000	0.400	115.000	1.980	17.000	0.030
216.20	219.00	2.80	5708.000	18.000	13.000	154.000	0.300	155.000	3.090	13.000	0.105
219.00	222.50	3.50	5709.000	16.000	15.000	104.000	0.200	147.000	2.080	7.000	0.133
222.50	226.00	3.50	5710.000	136.000	15.000	559.000	0.500	135.000	19.660	8.000	0.196
226.00	228.40	2.40	5711.000	57.000	4.000	739.000	0.300	102.000	12.510	4.000	0.072
228.40	231.00	2.60	5712.000	25.000	12.000	486.000	0.200	125.000	5.330	TRACE	0.049
231.00	234.00	3.00	5713.000	24.000	19.000	416.000	0.300	190.000	4.490	8.000	0.055
234.00	236.20	2.20	5714.000	35.000	36.000	265.000	0.500	465.000	5.300	13.000	0.117
236.20	239.00	2.80	5715.000	64.000	9.000	712.000	0.500	136.000	12.340	TRACE	0.082
239.00	242.00	3.00	5716.000	78.000	9.000	962.000	0.500	120.000	15.030	TRACE	0.075
242.00	245.00	3.00	5717.000	102.000	17.000	1533.000	0.500	165.000	18.330	38.000	0.062
245.00	247.00	2.00	5718.000	110.000	27.000	1006.000	0.700	166.000	21.220	830.000	0.099
247.00	250.00	3.00	5719.000	98.000	11.000	824.000	0.600	156.000	18.480	15.000	0.106
250.00	253.00	3.00	5720.000	46.000	16.000	469.000	0.400	257.000	9.290	62.000	0.089
253.00	255.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
255.00	257.00	2.00	5721.000	41.000	11.000	570.000	0.400	165.000	8.210	10.000	0.067
257.00	259.00	2.00	5722.000	96.000	6.000	769.000	0.300	255.000	16.610	6.000	0.111
259.00	261.50	2.50	5723.000	56.000	TRACE	389.000	TRACE	157.000	11.850	20.000	0.126
261.50	263.00	1.50	5724.000	23.000	TRACE	219.000	0.200	267.000	3.320	6.000	0.095
263.00	264.00	1.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
264.00	270.50	6.50	5725.000	23.000	TRACE	50.000	0.200	205.000	1.930	14.000	0.315
270.50	306.00	35.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB122

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	35.80	35.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
35.80	38.00	2.20	5818.000	89.000	6.000	167.000	0.200	297.000	4.860	6.000	0.348
38.00	87.00	49.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
87.00	89.00	2.00	5819.000	61.000	20.000	124.000	0.300	368.000	4.380	13.000	0.330
89.00	98.70	9.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
98.70	100.00	1.30	5820.000	59.000	10.000	322.000	8.500	368.000	4.980	24.000	0.155
100.00	103.00	3.00	5821.000	58.000	10.000	499.000	0.100	329.000	4.210	11.000	0.104
103.00	106.00	3.00	5822.000	34.000	11.000	188.000	0.100	289.000	2.820	10.000	0.153
103.00	106.00	3.00	5822.000	34.000	11.000	188.000	0.100	289.000	2.820	10.000	0.153
106.00	108.00	2.00	5823.000	308.000	42.000	147.000	1.900	406.000	11.700	68.000	0.677
108.00	111.10	3.10	5824.000	163.000	24.000	204.000	1.400	134.000	9.250	24.000	0.444
111.10	113.10	2.00	5825.000	28.000	11.000	123.000	0.400	169.000	NIL	13.000	0.185
113.10	200.00	86.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
200.00	202.00	2.00	5826.000	102.000	12.000	154.000	0.100	211.000	3.790	14.000	0.398
202.00	353.50	151.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
353.50	356.50	3.00	5827.000	71.000	26.000	340.000	0.100	260.000	3.600	13.000	0.173
356.50	419.00	62.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
419.00	420.00	1.00	5828.000	37.000	15.000	118.000	0.100	166.000	2.110	36.000	0.239

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB123

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	138.40	138.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
138.40	140.30	1.90	5888.000	63.000	13.000	424.000	0.200	130.000	3.160	8.000	0.129
140.30	142.50	2.20	5889.000	85.000	8.000	628.000	0.700	152.000	5.030	6.000	0.119
142.50	146.00	3.50	5890.000	37.000	11.000	178.000	0.500	219.000	2.900	15.000	0.172
146.00	149.00	3.00	5891.000	35.000	10.000	220.000	0.600	197.000	3.310	9.000	0.137
149.00	152.00	3.00	5892.000	31.000	9.000	222.000	0.400	235.000	3.360	11.000	0.123
152.00	155.00	3.00	5893.000	30.000	11.000	166.000	0.500	207.000	2.820	9.000	0.153
155.00	159.00	4.00	5894.000	149.000	7.000	639.000	1.800	360.000	9.860	7.000	0.189
159.00	161.70	2.70	5895.000	48.000	14.000	206.000	0.700	397.000	3.920	8.000	0.189
161.70	164.00	2.30	5896.000	108.000	9.000	281.000	0.900	351.000	8.170	12.000	0.278
164.00	166.00	2.00	5897.000	122.000	6.000	311.000	0.500	341.000	10.250	53.000	0.282
166.00	168.00	2.00	5898.000	117.000	14.000	490.000	0.300	676.000	11.690	7.000	0.193
168.00	173.00	5.00	5899.000	25.000	29.000	76.000	0.200	202.000	3.250	14.000	0.248
173.00	176.00	3.00	5900.000	146.000	5.000	113.000	0.600	212.000	10.730	24.000	0.564
176.00	181.00	5.00	5901.000	43.000	10.000	204.000	0.200	370.000	3.620	11.000	0.174
181.00	183.00	2.00	5902.000	34.000	8.000	117.000	0.200	685.000	3.730	13.000	0.225
183.00	187.10	4.10	5903.000	84.000	TRACE	555.000	0.200	174.000	7.630	5.000	0.131
187.10	191.00	3.90	5904.000	36.000	15.000	75.000	0.200	131.000	5.160	9.000	0.324
191.00	196.00	5.00	5905.000	33.000	14.000	128.000	0.200	128.000	3.510	11.000	0.205
196.00	225.50	29.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
225.50	228.00	2.50	5906.000	29.000	34.000	112.000	0.200	283.000	2.950	15.000	0.206
228.00	231.00	3.00	5907.000	24.000	24.000	311.000	0.200	198.000	2.780	59.000	0.072
231.00	233.50	2.50	5908.000	33.000	16.000	140.000	0.200	189.000	2.820	17.000	0.191
233.50	236.00	2.50	5909.000	36.000	13.000	101.000	0.400	234.000	3.230	15.000	0.263
236.00	237.80	1.80	5910.000	37.000	12.000	189.000	0.200	246.000	3.280	14.000	0.164
237.80	239.00	1.20	5911.000	100.000	11.000	139.000	1.500	297.000	9.670	14.000	0.418
239.00	242.80	3.80	5912.000	64.000	8.000	427.000	0.800	353.000	5.610	9.000	0.130
242.80	244.80	2.00	5913.000	41.000	12.000	158.000	0.200	311.000	4.270	8.000	0.206
244.80	246.00	1.20	5914.000	38.000	15.000	184.000	0.239	391.000	4.450	11.000	0.171
246.00	250.00	4.00	5915.000	41.000	11.000	239.000	0.500	316.000	4.330	6.000	0.146
250.00	255.00	5.00	5916.000	26.000	9.000	75.000	0.200	204.000	2.820	12.000	0.257
255.00	260.00	5.00	5917.000	21.000	10.000	98.000	0.200	125.000	2.370	15.000	0.176
260.00	265.00	5.00	5918.000	22.000	6.000	262.000	0.200	221.000	2.830	7.000	0.077
265.00	267.60	2.60	5919.000	21.000	9.000	253.000	0.200	226.000	2.750	11.000	0.077
267.60	271.30	3.70	5920.000	84.000	6.000	275.000	0.900	241.000	15.960	22.000	0.234
271.30	274.00	2.70	5921.000	113.000	15.000	418.000	1.800	145.000	19.050	37.000	0.213
274.00	277.00	3.00	5922.000	119.000	21.000	769.000	3.900	260.000	19.520	29.000	0.134
277.00	280.30	3.30	5923.000	99.000	9.000	251.000	3.000	341.000	20.850	12.000	0.283
280.30	284.50	4.20	5924.000	45.000	17.000	212.000	0.200	253.000	8.960	7.000	0.175
284.50	287.30	2.80	5925.000	116.000	24.000	512.000	3.900	634.000	19.630	14.000	0.185
287.30	288.50	1.20	5926.000	40.000	20.000	1976.000	1.600	646.000	6.260	40.000	0.020
288.50	290.00	1.50	5927.000	150.000	2.000	3158.000	2.300	361.000	14.180	4.000	0.045
290.00	295.30	5.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
295.30	298.00	2.70	5928.000	61.000	TRACE	618.000	0.200	478.000	11.960	8.000	0.090
298.00	302.00	4.00	5929.000	124.000	13.000	707.000	3.300	399.000	17.910	4.000	0.149
302.00	306.00	4.00	5930.000	141.000	8.000	292.000	1.500	475.000	18.590	16.000	0.326
306.00	309.30	3.30	5931.000	70.000	7.000	668.000	2.500	761.000	11.050	14.000	0.095
309.30	312.20	2.90	5932.000	93.000	19.000	367.000	2.000	907.000	14.980	2.000	0.202
312.20	315.00	2.80	5933.000	96.000	TRACE	960.000	0.900	810.000	13.660	2.000	0.091
315.00	318.00	3.00	5934.000	74.000	6.000	394.000	1.000	627.000	13.870	TRACE	0.158

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB123

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
318.00	320.00	2.00	5935.000	84.000	5.000	1147.000	0.200	723.000	12.690	28.000	0.068
320.00	323.00	3.00	5936.000	76.000	10.000	1257.000	3.100	598.000	13.380	5.000	0.057
323.00	326.00	3.00	5937.000	37.000	TRACE	801.000	0.200	617.000	7.820	3.000	0.044
326.00	329.00	3.00	5938.000	31.000	14.000	1397.000	0.600	624.000	6.930	9.000	0.022
329.00	332.00	3.00	5939.000	144.000	9.000	283.000	3.600	536.000	21.170	11.000	0.337
332.00	336.00	4.00	5940.000	118.000	7.000	643.000	3.100	420.000	16.150	2.000	0.155
336.00	339.00	3.00	5941.000	101.000	9.000	800.000	4.000	265.000	15.360	TRACE	0.112
339.00	342.00	3.00	5942.000	94.000	5.000	472.000	3.000	262.000	16.200	TRACE	0.166
342.00	346.00	4.00	5943.000	96.000	3.000	963.000	4.200	356.000	15.340	TRACE	0.091
346.00	349.00	3.00	5944.000	105.000	3.000	441.000	2.100	350.000	14.780	TRACE	0.192
349.00	352.00	3.00	5945.000	94.000	TRACE	233.000	1.400	366.000	14.480	TRACE	0.287
352.00	356.00	4.00	5946.000	101.000	4.000	247.000	1.500	467.000	15.050	TRACE	0.290
356.00	359.00	3.00	5947.000	93.000	TRACE	945.000	1.600	424.000	14.990	41.000	0.090
359.00	362.00	3.00	5948.000	62.000	TRACE	483.000	0.800	581.000	12.260	12.000	0.114
362.00	366.00	4.00	5949.000	123.000	6.000	294.000	2.000	555.000	19.500	TRACE	0.295
366.00	369.00	3.00	5950.000	150.000	5.000	1405.000	3.300	433.000	17.450	TRACE	0.096
369.00	372.00	3.00	5951.000	106.000	TRACE	441.000	3.000	530.000	15.440	TRACE	0.194
372.00	376.00	4.00	5952.000	119.000	17.000	324.000	5.000	573.000	19.060	51.000	0.269
376.00	379.00	3.00	5953.000	60.000	3.000	591.000	0.200	473.000	11.330	22.000	0.092
379.00	383.00	4.00	5954.000	55.000	TRACE	402.000	0.200	545.000	9.920	25.000	0.120
383.00	386.00	3.00	5955.000	84.000	6.000	191.000	0.600	676.000	13.520	30.000	0.305
386.00	391.00	5.00	5956.000	41.000	15.000	189.000	0.200	205.000	6.560	9.000	0.178
391.00	396.00	5.00	5957.000	36.000	19.000	201.000	0.200	411.000	7.390	9.000	0.152
396.00	402.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
402.00	406.00	4.00	5958.000	51.000	TRACE	341.000	0.500	300.000	7.850	8.000	0.130
406.00	407.00	1.00	5959.000	92.000	TRACE	134.000	1.400	278.000	11.260	2.000	0.407
407.00	412.00	5.00	5960.000	30.000	8.000	273.000	0.200	427.000	5.430	3.000	0.099
412.00	424.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
424.00	426.00	2.00	5961.000	21.000	9.000	72.000	TRACE	365.000	3.390	9.000	0.226
426.00	429.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
429.00	433.70	4.70	5962.000	23.000	10.000	158.000	0.500	389.000	2.970	12.000	0.127
433.70	446.00	12.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB124

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	220.90	220.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
220.90	223.60	2.70	5026.000	65.000	6.000	115.000	0.200	353.000	4.160	14.000	0.361
223.60	225.80	2.20	5027.000	31.000	15.000	106.000	TRACE	212.000	2.350	8.000	0.226
225.80	229.00	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
229.00	233.60	4.60	5028.000	44.000	6.000	142.000	0.100	283.000	3.050	4.000	0.237
233.60	236.00	2.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
236.00	240.00	4.00	5029.000	37.000	17.000	99.000	0.500	254.000	2.640	10.000	0.272
240.00	243.00	3.00	5030.000	40.000	5.000	191.000	0.200	194.000	2.560	2.000	0.173
243.00	246.00	3.00	5031.000	28.000	5.000	140.000	TRACE	131.000	2.140	4.000	0.167
246.00	248.00	2.00	5032.000	27.000	7.000	141.000	TRACE	131.000	2.140	4.000	0.161
248.00	249.40	1.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
249.40	253.80	4.40	5033.000	28.000	10.000	151.000	TRACE	165.000	2.530	TRACE	0.156
253.80	255.80	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
255.80	257.40	1.60	5034.000	28.000	TRACE	220.000	TRACE	281.000	3.500	6.000	0.113
257.40	258.50	1.10	5035.000	113.000	TRACE	84.000	0.500	133.000	8.700	2.000	0.574
258.50	262.00	3.50	5036.000	14.000	2.000	50.000	TRACE	95.000	1.540	5.000	0.219
262.00	483.00	221.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
483.00	487.30	4.30	5037.000	14.000	8.000	58.000	TRACE	160.000	1.990	7.000	0.194
487.30	490.00	2.70	5038.000	15.000	4.000	50.000	TRACE	152.000	1.250	17.000	0.231
490.00	491.40	1.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
491.40	494.00	2.60	5039.000	63.000	4.000	88.000	TRACE	141.000	4.530	11.000	0.417
494.00	497.00	3.00	5040.000	66.000	2.000	135.000	0.800	193.000	4.480	16.000	0.328
497.00	501.00	4.00	5041.000	54.000	20.000	212.000	0.600	254.000	4.490	22.000	0.203
501.00	504.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
504.00	506.00	2.00	5042.000	65.000	14.000	60.000	1.300	78.000	6.240	TRACE	0.520
506.00	508.00	2.00	5043.000	177.000	13.000	99.000	2.600	119.000	17.930	TRACE	0.641
508.00	510.50	2.50	5044.000	31.000	17.000	294.000	0.600	382.000	2.840	22.000	0.095
510.50	514.00	3.50	5045.000	66.000	17.000	829.000	0.700	301.000	4.380	14.000	0.074
514.00	517.00	3.00	5046.000	76.000	20.000	1282.000	0.900	278.000	5.390	17.000	0.056
517.00	519.00	2.00	5047.000	120.000	8.000	2224.000	1.200	298.000	5.480	TRACE	0.051
519.00	522.00	3.00	5048.000	77.000	4.000	956.000	0.900	273.000	4.240	16.000	0.075
522.00	524.00	2.00	5049.000	55.000	7.000	301.000	0.800	361.000	3.100	12.000	0.154
524.00	526.50	2.50	5050.000	30.000	11.000	104.000	0.100	308.000	2.110	7.000	0.224
526.50	528.50	2.00	5051.000	29.000	3.000	124.000	TRACE	345.000	2.160	6.000	0.190
528.50	530.00	1.50	5052.000	88.000	7.000	860.000	0.400	317.000	4.400	TRACE	0.093
530.00	534.00	4.00	5053.000	35.000	15.000	194.000	TRACE	402.000	2.550	7.000	0.153
534.00	537.00	3.00	5054.000	32.000	2.000	181.000	TRACE	329.000	2.390	TRACE	0.150
537.00	540.00	3.00	5055.000	32.000	17.000	212.000	TRACE	366.000	2.210	17.000	0.131
540.00	542.50	2.50	5056.000	37.000	4.000	115.000	TRACE	339.000	2.740	3.000	0.243
542.50	556.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB125

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	115.70	115.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
115.70	122.70	7.00	5080.000	78.000	22.000	332.000	TRACE	359.000	3.060	112.000	0.190
122.70	126.00	3.30	5081.000	139.000	7.000	698.000	0.300	455.000	5.270	67.000	0.166
126.00	129.00	3.00	5082.000	46.000	3.000	72.000	0.100	215.000	3.290	183.000	0.390
129.00	130.70	1.70	5083.000	165.000	5.000	1273.000	0.600	501.000	6.580	59.000	0.115
130.70	134.50	3.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
134.50	137.10	2.60	5084.000	266.000	5.000	1233.000	0.700	779.000	11.390	148.000	0.177
137.10	139.20	2.10	5085.000	77.000	5.000	242.000	0.100	651.000	6.560	178.000	0.241
139.20	142.00	2.80	5086.000	66.000	7.000	78.000	0.200	239.000	3.640	405.000	0.458
142.00	144.00	2.00	5087.000	138.000	2.000	272.000	0.500	812.000	6.960	398.000	0.337
144.00	146.60	2.60	5088.000	212.000	19.000	856.000	0.400	830.000	7.730	66.000	0.199
146.60	150.50	3.90	5089.000	323.000	11.000	5215.000	0.900	544.000	10.080	238.000	0.058
150.50	152.00	1.50	5090.000	104.000	6.000	446.000	TRACE	405.000	5.310	138.000	0.189
152.00	189.70	37.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
189.70	191.30	1.60	5091.000	596.000	7.000	272.000	1.300	190.000	7.320	280.000	0.687
191.30	194.00	2.70	5092.000	309.000	20.000	516.000	0.800	614.000	7.050	64.000	0.375
194.00	196.00	2.00	5093.000	412.000	15.000	1868.000	1.300	414.000	6.750	122.000	0.181
196.00	198.80	2.80	5094.000	325.000	22.000	1434.000	0.800	450.000	7.170	22.000	0.185
198.80	217.50	18.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
217.50	220.00	2.50	5095.000	149.000	14.000	938.000	0.300	584.000	6.490	173.000	0.137
220.00	222.10	2.10	5096.000	121.000	8.000	900.000	0.100	391.000	6.000	993.000	0.119
222.10	224.80	2.70	5097.000	80.000	7.000	92.000	0.100	325.000	5.130	2654.000	0.465
224.80	228.80	4.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
228.80	231.80	3.00	5098.000	40.000	TRACE	102.000	TRACE	313.000	4.160	457.000	0.282
231.80	233.00	1.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
233.00	234.00	1.00	5099.000	267.000	6.000	2308.000	0.300	580.000	9.100	91.000	0.104
234.00	236.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB126

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	119.40	119.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
119.40	121.20	1.80	5100.000	87.000	7.000	144.000	TRACE	465.000	3.430	78.000	0.377
121.20	142.40	21.20	N.S.	N.S.	N.S.	N.S.	NIL	N.S.	N.S.	N.S.	0.500
142.40	146.00	3.60	6027.000	120.000	5.000	29.000	TRACE	N.S.	N.S.	N.S.	0.805
146.00	148.60	2.60	6028.000	213.000	11.000	29.000	TRACE	N.S.	N.S.	N.S.	0.880
148.60	152.00	3.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
152.00	153.00	1.00	6029.000	222.000	3.000	41.000	0.400	N.S.	N.S.	N.S.	0.844
153.00	155.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
155.00	157.00	2.00	6030.000	434.000	4.000	40.000	0.300	N.S.	N.S.	N.S.	0.916
157.00	174.50	17.50	6001.000	48.000	13.000	217.000	0.100	640.000	5.130	215.000	0.181
174.50	175.50	1.00	6002.000	264.000	17.000	1222.000	0.700	739.000	7.240	43.000	0.178
175.50	176.60	1.10	6003.000	115.000	20.000	253.000	TRACE	877.000	6.260	102.000	0.313
176.60	181.00	4.40	6004.000	460.000	30.000	5084.000	1.200	715.000	9.610	129.000	0.083
181.00	184.00	3.00	6005.000	347.000	27.000	2812.000	0.800	573.000	7.450	59.000	0.110
184.00	186.00	2.00	6006.000	313.000	20.000	1269.000	1.000	503.000	7.790	54.000	0.198
186.00	200.50	14.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
200.50	203.00	2.50	6007.000	142.000	22.000	445.000	0.600	479.000	7.380	87.000	0.242
203.00	212.20	9.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
212.20	215.80	3.60	6008.000	90.000	6.000	120.000	0.300	217.000	4.900	61.000	0.429
215.80	217.00	1.20	N.S.	N.S.	N.S.	NIL	N.S.	N.S.	N.S.	N.S.	1.000
217.00	220.50	3.50	6009.000	25.000	7.000	31.000	TRACE	108.000	1.880	145.000	0.446

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB127

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	97.00	97.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
97.00	101.40	4.40	6051.000	103.000	14.000	638.000	0.500	575.000	4.910	68.000	0.139
101.40	114.00	12.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
114.00	116.00	2.00	6052.000	34.000	3.000	170.000	TRACE	473.000	3.580	42.000	0.167
116.00	202.10	86.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
202.10	206.00	3.90	6053.000	28.000	22.000	80.000	TRACE	389.000	3.390	50.000	0.259
206.00	211.00	5.00	6054.000	29.000	14.000	70.000	TRACE	376.000	3.220	39.000	0.293
211.00	216.00	5.00	6055.000	50.000	17.000	112.000	TRACE	447.000	3.730	44.000	0.309
216.00	221.40	5.40	6056.000	32.000	12.000	102.000	TRACE	448.000	3.280	38.000	0.239
221.40	226.00	4.60	6057.000	25.000	17.000	69.000	TRACE	486.000	2.860	21.000	0.266
226.00	229.00	3.00	6058.000	46.000	9.000	91.000	0.100	663.000	3.950	178.000	0.336
229.00	233.00	4.00	6059.000	85.000	9.000	643.000	0.700	548.000	4.460	81.000	0.117
233.00	241.50	8.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
241.50	246.00	4.50	6060.000	29.000	17.000	87.000	TRACE	530.000	3.020	24.000	0.250
246.00	250.00	4.00	6061.000	32.000	18.000	97.000	0.300	453.000	3.280	57.000	0.248
250.00	256.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
256.00	258.80	2.80	6062.000	60.000	TRACE	544.000	0.700	454.000	3.770	15.000	0.099
258.80	261.00	2.20	6063.000	62.000	14.000	139.000	0.800	804.000	6.170	17.000	0.308
261.00	266.00	5.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
266.00	268.80	2.80	6064.000	25.000	15.000	78.000	0.400	567.000	3.210	12.000	0.243
268.80	273.50	4.70	6065.000	34.000	7.000	77.000	0.300	468.000	3.690	17.000	0.306
273.50	276.00	2.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB128

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	48.00	48.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
48.00	49.50	1.50	6077.000	31.000	20.000	173.000	0.400	432.000	2.200	41.000	0.152
49.50	52.00	2.50	6078.000	182.000	19.000	1157.000	0.800	394.000	8.710	8.000	0.136
52.00	54.00	2.00	6079.000	107.000	24.000	564.000	0.600	484.000	6.080	48.000	0.159
54.00	56.50	2.50	6080.000	41.000	13.000	282.000	0.500	516.000	3.350	96.000	0.127
56.50	58.00	1.50	6081.000	27.000	15.000	89.000	0.500	621.000	3.360	24.000	0.233
58.00	80.80	22.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
80.80	84.00	3.20	6082.000	161.000	15.000	1110.000	1.500	468.000	8.120	99.000	0.127
84.00	87.00	3.00	6083.000	162.000	23.000	879.000	1.400	443.000	8.190	383.000	0.156
87.00	90.30	3.30	6084.000	115.000	14.000	593.000	1.100	451.000	6.420	292.000	0.162
90.30	92.50	2.20	6085.000	48.000	17.000	175.000	1.100	584.000	4.330	165.000	0.215
92.50	96.00	3.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
96.00	100.10	4.10	6086.000	24.000	18.000	62.000	TRACE	478.000	2.790	22.000	0.279
100.10	134.00	33.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
134.00	137.00	3.00	6087.000	26.000	15.000	87.000	TRACE	453.000	3.330	42.000	0.230
137.00	141.00	4.00	6088.000	33.000	18.000	101.000	TRACE	512.000	4.160	31.000	0.246
141.00	206.00	65.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB129

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	84.00	84.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
84.00	86.00	2.00	6089.000	141.000	5.000	915.000	0.800	395.000	5.710	17.000	0.134
86.00	104.00	18.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
104.00	106.20	2.20	6090.000	48.000	9.000	381.000	0.600	431.000	3.950	74.000	0.112
106.20	115.50	9.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
115.50	119.00	3.50	6091.000	159.000	12.000	1252.000	0.900	879.000	7.140	15.000	0.113
119.00	121.00	2.00	6092.000	78.000	5.000	709.000	0.600	499.000	4.890	34.000	0.099
121.00	122.20	1.20	6093.000	102.000	10.000	3281.000	0.800	491.000	5.370	103.000	0.030
122.20	124.50	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
124.50	126.00	1.50	6094.000	91.000	19.000	830.000	0.800	810.000	4.670	70.000	0.099
126.00	130.30	4.30	6095.000	70.000	35.000	206.000	0.800	1000.000	6.580	73.000	0.254
130.30	216.00	85.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB130

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	47.00	47.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
47.00	48.00	1.00	6096.000	273.000	16.000	43.000	1.000	721.000	5.390	60.000	0.864
48.00	51.20	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
51.20	52.20	1.00	6097.000	298.000	19.000	81.000	0.800	966.000	5.840	66.000	0.786
52.20	55.00	2.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
55.00	56.00	1.00	6098.000	165.000	17.000	78.000	0.700	869.000	5.080	60.000	0.679
56.00	129.00	73.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
129.00	131.00	2.00	6099.000	194.000	27.000	87.000	1.100	1060.000	15.040	4.000	0.690
131.00	133.00	2.00	7000.000	371.000	27.000	115.000	1.200	1580.000	14.410	14.000	0.763
133.00	216.00	83.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
216.00	218.00	2.00	7001.000	127.000	14.000	37.000	0.900	476.000	3.860	32.000	0.774
218.00	220.00	2.00	7002.000	85.000	29.000	87.000	1.300	821.000	10.020	12.000	0.494
220.00	224.00	4.00	7003.000	23.000	10.000	126.000	0.300	534.000	3.990	12.000	0.154
224.00	227.50	3.50	7004.000	45.000	18.000	151.000	0.300	571.000	6.070	TRACE	0.230
227.50	229.60	2.10	7005.000	33.000	11.000	137.000	0.500	504.000	5.150	16.000	0.194
229.60	234.30	4.70	7006.000	118.000	19.000	183.000	0.600	814.000	14.030	6.000	0.392
234.30	237.00	2.70	7007.000	79.000	14.000	90.000	1.300	982.000	6.550	40.000	0.467
237.00	256.50	19.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
256.50	259.00	2.50	7008.000	107.000	6.000	38.000	0.400	807.000	4.110	55.000	0.738
259.00	298.00	39.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
298.00	300.00	2.00	7009.000	41.000	12.000	73.000	0.200	493.000	3.360	34.000	0.360
300.00	302.00	2.00	7010.000	120.000	14.000	109.000	0.900	459.000	5.930	26.000	0.524
302.00	313.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
313.00	316.00	3.00	7011.000	28.000	11.000	94.000	0.100	378.000	2.700	25.000	0.230
316.00	322.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
322.00	325.00	3.00	7012.000	26.000	17.000	173.000	TRACE	373.000	2.700	34.000	0.131
325.00	330.00	5.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
330.00	332.00	2.00	7013.000	39.000	18.000	228.000	0.100	392.000	3.000	50.000	0.146
332.00	339.50	7.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
339.50	342.00	2.50	7014.000	24.000	12.000	91.000	TRACE	452.000	2.530	34.000	0.209
342.00	345.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
345.00	346.00	1.00	7015.000	83.000	36.000	567.000	0.300	802.000	5.450	103.000	0.128
346.00	347.50	1.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
347.50	349.00	1.50	7016.000	60.000	25.000	212.000	0.500	282.000	2.250	66.000	0.221
349.00	444.50	95.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
444.50	447.30	2.80	7017.000	146.000	23.000	788.000	0.900	458.000	7.040	66.000	0.156
447.30	506.00	58.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB131

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	18.30	18.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
18.30	20.00	1.70	7032.000	41.000	16.000	78.000	0.100	944.000	4.190	41.000	0.345
20.00	21.80	1.80	7033.000	31.000	15.000	65.000	TRACE	497.000	2.400	44.000	0.323
21.80	63.00	41.20	N.S.	N.S.	NIL	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
63.00	64.30	1.30	7034.000	479.000	8.000	60.000	0.700	583.000	10.190	5.000	0.889
64.30	67.00	2.70	7035.000	75.000	3.000	26.000	0.100	178.000	2.530	27.000	0.743
67.00	82.00	15.00	N.S.	N.S.	NIL	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
82.00	83.00	1.00	7036.000	1555.000	17.000	53.000	1.000	929.000	8.360	58.000	0.967
83.00	113.00	30.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
113.00	116.00	3.00	7037.000	150.000	TRACE	30.000	0.200	781.000	3.500	56.000	0.833
116.00	121.00	5.00	7038.000	107.000	8.000	26.000	0.300	750.000	2.560	24.000	0.805
121.00	123.00	2.00	7039.000	91.000	TRACE	34.000	0.400	788.000	3.190	44.000	0.728
123.00	141.50	18.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
141.50	146.00	4.50	7040.000	98.000	12.000	123.000	0.800	638.000	7.080	65.000	0.443
146.00	148.50	2.50	7041.000	123.000	14.000	47.000	0.600	581.000	4.260	72.000	0.724
148.50	151.50	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
151.50	156.00	4.50	7042.000	116.000	TRACE	38.000	0.100	865.000	4.900	80.000	0.753
156.00	163.50	7.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
163.50	168.30	4.80	7043.000	124.000	7.000	44.000	0.500	780.000	4.700	95.000	0.738
168.30	171.50	3.20	7044.000	130.000	6.000	61.000	0.400	327.000	2.980	50.000	0.681
171.50	174.00	2.50	7045.000	92.000	8.000	82.000	0.500	2250.000	9.930	262.000	0.529
174.00	177.00	3.00	7046.000	91.000	7.000	30.000	0.200	677.000	3.030	61.000	0.752
177.00	181.00	4.00	7047.000	81.000	5.000	30.000	0.300	668.000	2.310	31.000	0.730
181.00	186.00	5.00	7048.000	65.000	8.000	34.000	0.500	931.000	3.690	59.000	0.657
186.00	191.00	5.00	7049.000	108.000	11.000	42.000	0.500	735.000	2.960	55.000	0.720
191.00	196.00	5.00	7050.000	75.000	TRACE	32.000	0.200	699.000	2.510	30.000	0.701
196.00	200.00	4.00	7051.000	102.000	13.000	34.000	TRACE	948.000	3.180	45.000	0.750
200.00	215.50	15.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
215.50	220.00	4.50	7052.000	131.000	4.000	37.000	0.300	770.000	3.910	34.000	0.780
220.00	222.50	2.50	7053.000	117.000	7.000	62.000	0.500	1060.000	5.950	52.000	0.654
222.50	226.00	3.50	7054.000	66.000	5.000	32.000	0.700	396.000	3.020	44.000	0.673
226.00	230.00	4.00	7055.000	31.000	10.000	43.000	0.700	425.000	4.340	28.000	0.419
230.00	232.80	2.80	7056.000	109.000	10.000	39.000	0.400	546.000	2.980	54.000	0.736
232.80	235.00	2.20	7057.000	278.000	25.000	174.000	1.400	686.000	16.740	21.000	0.615
235.00	253.70	18.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
253.70	255.00	1.30	7059.000	32.000	9.000	83.000	0.800	354.000	2.690	33.000	0.278
255.00	283.00	28.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
283.00	285.00	2.00	7058.000	63.000	14.000	117.000	0.500	405.000	2.720	63.000	0.350
285.00	348.00	63.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
348.00	351.00	3.00	7060.000	314.000	33.000	2288.000	1.200	539.000	3.750	89.000	0.121

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB132

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	78.00	78.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
78.00	82.80	4.80	7097.000	154.000	17.000	29.000	TRACE	494.000	1.870	41.000	0.842
82.80	86.00	3.20	7098.000	94.000	11.000	30.000	TRACE	633.000	3.280	26.000	0.758
86.00	89.00	3.00	7099.000	117.000	17.000	20.000	TRACE	549.000	2.180	28.000	0.854
89.00	93.00	4.00	6200.000	99.000	13.000	29.000	TRACE	467.000	1.900	47.000	0.773
93.00	97.00	4.00	6201.000	121.000	14.000	31.000	0.100	689.000	3.660	31.000	0.796
97.00	102.00	5.00	6202.000	130.000	9.000	35.000	0.100	766.000	3.780	23.000	0.788
102.00	106.00	4.00	6203.000	129.000	8.000	28.000	TRACE	608.000	2.710	20.000	0.822
106.00	110.00	4.00	6204.000	100.000	6.000	23.000	TRACE	473.000	2.370	27.000	0.813
110.00	114.00	4.00	6205.000	99.000	12.000	29.000	0.100	603.000	3.200	15.000	0.773
114.00	118.00	4.00	6206.000	119.000	10.000	34.000	TRACE	906.000	3.790	18.000	0.778
118.00	122.40	4.40	6207.000	113.000	18.000	37.000	TRACE	759.000	7.160	25.000	0.753
122.40	124.00	1.60	6208.000	49.000	16.000	116.000	0.400	919.000	8.390	109.000	0.297
124.00	126.00	2.00	6209.000	187.000	41.000	365.000	1.600	6600.000	20.640	73.000	0.339
126.00	128.10	2.10	6210.000	215.000	51.000	148.000	2.000	2580.000	23.760	23.000	0.592
128.10	129.10	1.00	6211.000	124.000	27.000	84.000	0.100	403.000	12.610	59.000	0.596
129.10	132.50	3.40	6212.000	84.000	18.000	87.000	TRACE	786.000	8.400	133.000	0.491
132.50	135.50	3.00	6213.000	61.000	17.000	69.000	0.200	842.000	5.120	107.000	0.469
135.50	138.00	2.50	6214.000	30.000	15.000	65.000	0.100	660.000	4.040	83.000	0.316
138.00	140.00	2.00	6215.000	124.000	31.000	104.000	0.700	913.000	5.840	94.000	0.544
140.00	179.00	39.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
179.00	182.50	3.50	6216.000	164.000	16.000	28.000	0.500	230.000	2.410	38.000	0.854
182.50	206.00	23.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB133

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	119.00	119.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
119.00	121.00	2.00	6245.000	72.000	7.000	30.000	0.700	456.000	4.350	25.000	0.706
121.00	123.00	2.00	6246.000	98.000	32.000	542.000	1.400	382.000	19.020	113.000	0.153
123.00	125.00	2.00	6247.000	97.000	47.000	465.000	1.600	280.000	23.150	168.000	0.173
125.00	128.00	3.00	6248.000	116.000	51.000	522.000	1.800	248.000	24.120	174.000	0.182
128.00	131.30	3.30	6249.000	148.000	39.000	357.000	1.600	270.000	21.070	136.000	0.293
131.30	134.50	3.20	6250.000	136.000	30.000	172.000	1.100	398.000	12.500	40.000	0.442
134.50	136.50	2.00	6251.000	149.000	18.000	339.000	0.800	591.000	10.910	21.000	0.305
136.50	138.00	1.50	6252.000	71.000	3.000	73.000	1.000	612.000	5.450	24.000	0.493
138.00	147.00	9.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
147.00	149.00	2.00	6253.000	34.000	8.000	117.000	1.000	669.000	5.880	25.000	0.225
149.00	155.50	6.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
155.50	157.00	1.50	6254.000	58.000	21.000	779.000	0.600	467.000	8.610	29.000	0.069
157.00	159.00	2.00	6255.000	19.000	8.000	143.000	0.600	512.000	4.140	27.000	0.117
159.00	163.80	4.80	6256.000	17.000	17.000	103.000	0.100	307.000	3.160	118.000	0.142
163.80	171.00	7.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
171.00	176.00	5.00	6257.000	26.000	32.000	94.000	0.300	211.000	4.480	59.000	0.217
176.00	180.20	4.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
180.20	183.00	2.80	6258.000	17.000	10.000	64.000	0.300	213.000	2.230	40.000	0.210
183.00	199.50	16.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
199.50	201.60	2.10	6259.000	90.000	11.000	240.000	0.500	373.000	2.890	141.000	0.273
201.60	206.00	4.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB134

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	100.00	100.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
100.00	104.00	4.00	6268.000	25.000	8.000	135.000	0.100	420.000	1.690	49.000	0.156
104.00	106.00	2.00	6269.000	31.000	6.000	177.000	0.100	398.000	1.990	25.000	0.149
106.00	108.00	2.00	6270.000	137.000	11.000	629.000	0.200	555.000	6.380	78.000	0.179
108.00	110.00	2.00	6271.000	50.000	8.000	125.000	0.100	528.000	4.270	39.000	0.286
110.00	112.50	2.50	6272.000	34.000	11.000	105.000	0.100	483.000	3.660	32.000	0.245
112.50	226.00	113.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB135

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	96.00	96.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
96.00	100.00	4.00	6293.000	190.000	11.000	143.000	1.000	654.000	7.430	54.000	0.571
100.00	101.70	1.70	6294.000	197.000	8.000	154.000	0.200	752.000	8.760	39.000	0.561
101.70	103.50	1.80	6295.000	161.000	9.000	123.000	0.600	1130.000	7.890	47.000	0.567
103.50	106.00	2.50	6296.000	136.000	4.000	160.000	0.100	1980.000	9.040	46.000	0.459
106.00	108.00	2.00	6297.000	189.000	14.000	118.000	0.500	897.000	7.000	38.000	0.616
108.00	128.50	20.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
128.50	132.50	4.00	6298.000	178.000	8.000	95.000	TRACE	373.000	4.630	58.000	0.652
132.50	133.10	0.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
133.10	138.00	4.90	6299.000	195.000	2.000	124.000	0.500	679.000	6.630	43.000	0.611
138.00	140.00	2.00	6300.000	163.000	18.000	193.000	0.300	1130.000	9.730	28.000	0.458
140.00	144.50	4.50	6301.000	244.000	4.000	112.000	0.200	332.000	5.750	31.000	0.685
144.50	296.00	151.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB136

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	60.00	60.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
60.00	63.00	3.00	6318.000	179.000	5.000	30.000	0.200	186.000	3.270	192.000	0.856
63.00	68.60	5.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
68.60	72.70	4.10	6319.000	142.000	3.000	740.000	TRACE	317.000	4.150	93.000	0.161
72.70	88.00	15.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
88.00	91.00	3.00	6320.000	116.000	10.000	337.000	TRACE	351.000	5.310	81.000	0.256
91.00	96.00	5.00	6321.000	171.000	6.000	85.000	0.200	500.000	8.720	54.000	0.668
96.00	98.50	2.50	6322.000	246.000	10.000	1645.000	0.300	1130.000	9.540	38.000	0.130
98.50	101.60	3.10	6323.000	568.000	19.000	608.000	0.100	776.000	15.460	83.000	0.483
101.60	104.00	2.40	6324.000	460.000	23.000	165.000	0.300	754.000	12.800	174.000	0.736
104.00	106.00	2.00	6325.000	1154.000	35.000	283.000	0.200	939.000	25.100	13.000	0.803
106.00	108.30	2.30	6326.000	537.000	7.000	218.000	0.200	1180.000	13.730	23.000	0.711
108.30	109.90	1.60	6327.000	649.000	13.000	267.000	TRACE	1150.000	17.450	54.000	0.709
109.90	112.00	2.10	6328.000	149.000	2.000	160.000	0.300	606.000	5.960	20.000	0.482
112.00	114.50	2.50	6329.000	133.000	TRACE	30.000	0.400	250.000	2.500	10.000	0.816
114.50	136.90	22.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
136.90	141.00	4.10	6330.000	266.000	4.000	64.000	0.400	542.000	4.400	17.000	0.806
141.00	142.40	1.40	6331.000	556.000	5.000	101.000	TRACE	758.000	13.500	TRACE	0.846
142.40	146.00	3.60	6332.000	81.000	TRACE	51.000	0.100	534.000	3.010	15.000	0.614
146.00	150.00	4.00	6333.000	198.000	4.000	28.000	0.100	214.000	2.620	11.000	0.876
150.00	153.00	3.00	6334.000	195.000	5.000	48.000	0.100	302.000	2.930	59.000	0.802
153.00	155.80	2.80	6335.000	257.000	6.000	451.000	0.200	358.000	4.010	83.000	0.363
155.80	158.80	3.00	6336.000	534.000	25.000	5568.000	0.300	541.000	9.060	291.000	0.088
158.80	161.40	2.60	6337.000	227.000	7.000	1091.000	TRACE	354.000	4.970	204.000	0.172
161.40	164.00	2.60	6338.000	314.000	13.000	516.000	TRACE	560.000	7.410	25.000	0.378
164.00	296.00	132.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB137

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	17.00	17.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
17.00	21.00	4.00	6362.000	165.000	6.000	41.000	TRACE	772.000	4.380	18.000	0.801
21.00	24.00	3.00	6363.000	131.000	4.000	91.000	0.300	943.000	6.240	103.000	0.590
24.00	37.00	13.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
37.00	42.00	5.00	6364.000	183.000	TRACE	24.000	TRACE	429.000	3.340	16.000	0.884
42.00	46.00	4.00	6365.000	254.000	TRACE	26.000	0.300	571.000	4.970	20.000	0.907
46.00	51.00	5.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
51.00	54.70	3.70	6366.000	98.000	TRACE	17.000	0.300	368.000	2.070	9.000	0.852
54.70	56.00	1.30	6367.000	146.000	2.000	43.000	TRACE	615.000	12.890	3.000	0.772
56.00	59.20	3.20	6368.000	61.000	TRACE	25.000	0.400	428.000	4.610	5.000	0.709
59.20	61.70	2.50	6369.000	259.000	4.000	43.000	TRACE	576.000	12.820	9.000	0.858
61.70	63.20	1.50	6370.000	484.000	28.000	71.000	TRACE	472.000	27.190	6.000	0.872
63.20	66.00	2.80	6371.000	181.000	TRACE	39.000	0.100	614.000	8.710	6.000	0.823
66.00	69.00	3.00	6372.000	45.000	TRACE	27.000	0.200	612.000	5.360	8.000	0.625
69.00	70.00	1.00	6373.000	111.000	11.000	47.000	TRACE	667.000	11.840	21.000	0.703
70.00	75.00	5.00	6374.000	31.000	3.000	19.000	0.700	331.000	2.850	10.000	0.620
75.00	78.00	3.00	6375.000	66.000	11.000	35.000	0.400	595.000	5.020	34.000	0.653
78.00	79.60	1.60	6376.000	81.000	11.000	37.000	0.100	658.000	8.430	86.000	0.686
79.60	81.20	1.60	6377.000	9.000	8.000	21.000	0.500	220.000	1.660	20.000	0.300
81.20	83.60	2.40	6378.000	62.000	19.000	50.000	TRACE	518.000	5.890	75.000	0.554
83.60	84.50	0.90	6379.000	77.000	27.000	201.000	TRACE	1300.000	22.930	24.000	0.277
84.50	86.00	1.50	6380.000	348.000	16.000	74.000	TRACE	1590.000	18.260	24.000	0.825
86.00	266.00	180.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
266.00	269.00	3.00	6381.000	59.000	15.000	88.000	0.200	966.000	5.200	345.000	0.401
269.00	270.20	1.20	6382.000	189.000	16.000	175.000	TRACE	717.000	9.510	16.000	0.519
270.20	274.00	3.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
274.00	275.00	1.00	6383.000	120.000	10.000	46.000	TRACE	209.000	5.800	29.000	0.723
275.00	291.00	16.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
291.00	294.00	3.00	6384.000	97.000	9.000	30.000	TRACE	566.000	2.910	31.000	0.764
294.00	296.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
296.00	297.50	1.50	6385.000	179.000	3.000	35.000	TRACE	238.000	3.620	6430.000	0.836
297.50	313.80	16.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
313.80	317.50	3.70	6386.000	133.000	9.000	53.000	TRACE	524.000	4.870	410.000	0.715
317.50	325.50	8.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
325.50	328.00	2.50	6387.000	47.000	27.000	169.000	0.400	446.000	3.760	42.000	0.218
328.00	330.20	2.20	6388.000	32.000	13.000	31.000	0.800	587.000	3.130	22.000	0.508
330.20	332.30	2.10	6389.000	125.000	14.000	878.000	TRACE	659.000	10.620	45.000	0.125
332.30	333.70	1.40	6390.000	27.000	22.000	195.000	0.600	506.000	3.490	30.000	0.122
333.70	337.00	3.30	6391.000	255.000	22.000	238.000	TRACE	887.000	15.300	24.000	0.517
337.00	341.00	4.00	6392.000	77.000	20.000	180.000	0.600	886.000	8.080	43.000	0.300
341.00	360.50	19.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
360.50	363.40	2.90	6393.000	26.000	11.000	122.000	TRACE	601.000	3.680	66.000	0.176
363.40	366.20	2.80	6394.000	47.000	16.000	126.000	TRACE	475.000	7.220	44.000	0.272
366.20	371.00	4.80	6395.000	27.000	18.000	115.000	0.200	466.000	3.970	35.000	0.190
371.00	373.20	2.20	6396.000	70.000	15.000	363.000	0.100	715.000	7.620	117.000	0.162
373.20	435.00	61.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
435.00	438.50	3.50	6397.000	77.000	18.000	349.000	0.100	785.000	7.530	56.000	0.181
438.50	440.50	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
440.50	442.50	2.00	6398.000	91.000	12.000	693.000	0.100	1010.000	7.760	29.000	0.116
442.50	445.00	2.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB137

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm0	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
445.00	449.00	4.00	6399.000	86.000	15.000	260.000	0.200	655.000	8.200	47.000	0.249
449.00	451.00	2.00	6400.000	138.000	TRACE	92.000	0.200	490.000	5.940	158.000	0.600
451.00	453.30	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
453.30	456.00	2.70	6401.000	123.000	42.000	68.000	0.100	357.000	4.960	178.000	0.644
456.00	459.30	3.30	6402.000	84.000	16.000	25.000	TRACE	270.000	4.160	765.000	0.771
459.30	463.00	3.70	6403.000	79.000	22.000	143.000	TRACE	910.000	5.720	266.000	0.356
463.00	466.10	3.10	6404.000	402.000	20.000	1874.000	0.200	621.000	6.140	16.000	0.177
466.10	468.00	1.90	6405.000	129.000	48.000	362.000	0.800	350.000	2.750	27.000	0.263
468.00	526.00	58.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB13B

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	31.00	31.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
31.00	34.00	3.00	6459.000	62.000	TRACE	26.000	0.600	264.000	1.670	14.000	0.705
34.00	36.00	2.00	6460.000	386.000	TRACE	33.000	0.700	210.000	1.620	35.000	0.921
36.00	136.00	100.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
136.00	138.00	2.00	6461.000	139.000	2.000	28.000	0.900	235.000	1.650	37.000	0.832
138.00	141.50	3.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
141.50	145.00	3.50	6462.000	82.000	5.000	37.000	0.700	679.000	4.500	137.000	0.689
145.00	148.00	3.00	6463.000	46.000	1.000	35.000	0.700	1354.000	8.920	113.000	0.568
148.00	150.00	2.00	6464.000	62.000	15.000	30.000	0.600	1478.000	10.350	57.000	0.674
150.00	152.00	2.00	6465.000	181.000	29.000	75.000	1.000	1218.000	32.360	449.000	0.707
152.00	154.00	2.00	6466.000	118.000	19.000	68.000	0.500	1433.000	26.350	44.000	0.634
154.00	156.00	2.00	6467.000	57.000	7.000	32.000	0.500	2396.000	11.740	34.000	0.640
156.00	159.00	3.00	6468.000	77.000	9.000	59.000	0.200	1526.000	19.240	192.000	0.566
159.00	162.00	3.00	6469.000	29.000	12.000	34.000	TRACE	1504.000	11.840	21.000	0.460
162.00	165.00	3.00	6470.000	46.000	17.000	52.000	0.500	1961.000	19.330	137.000	0.469
165.00	168.00	3.00	6471.000	65.000	19.000	48.000	0.500	2493.000	20.630	108.000	0.575
168.00	171.00	3.00	6473.000	31.000	13.000	57.000	0.600	2253.000	22.440	191.000	0.352
171.00	173.00	2.00	6474.000	47.000	7.000	47.000	TRACE	2567.000	17.500	229.000	0.500
173.00	176.50	3.50	6475.000	38.000	11.000	58.000	0.300	1712.000	11.070	428.000	0.396
176.50	180.30	3.80	6476.000	130.000	19.000	141.000	0.800	1378.000	31.820	20.000	0.480
180.30	183.00	2.70	6477.000	126.000	14.000	120.000	0.700	1492.000	30.690	100.000	0.512
183.00	186.00	3.00	6478.000	160.000	14.000	76.000	0.600	1031.000	32.450	12.000	0.678
186.00	188.00	2.00	6479.000	147.000	12.000	76.000	0.600	744.000	29.120	1800.000	0.659
188.00	190.00	2.00	6480.000	126.000	18.000	73.000	0.600	898.000	26.670	2797.000	0.633
190.00	191.50	1.50	6481.000	195.000	26.000	78.000	0.700	488.000	33.540	233.000	0.714
191.50	193.70	2.20	6482.000	56.000	2.000	34.000	0.200	625.000	11.910	150.000	0.622
193.70	196.00	2.30	6483.000	60.000	9.000	34.000	TRACE	971.000	12.640	54.000	0.638
196.00	198.00	2.00	6484.000	21.000	2.000	11.000	0.400	346.000	3.880	576.000	0.656
198.00	201.00	3.00	6485.000	23.000	TRACE	16.000	TRACE	418.000	4.700	678.000	0.590
201.00	203.00	2.00	6486.000	41.000	TRACE	21.000	0.200	428.000	6.190	120.000	0.661
203.00	205.00	2.00	6487.000	30.000	3.000	50.000	TRACE	588.000	6.280	118.000	0.375
205.00	208.50	3.50	6488.000	107.000	5.000	142.000	TRACE	920.000	17.120	24.000	0.430
208.50	210.00	1.50	6489.000	114.000	3.000	106.000	0.300	373.000	6.660	84.000	0.518
210.00	214.00	4.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
214.00	217.30	3.30	6490.000	77.000	9.000	59.000	0.200	490.000	8.520	128.000	0.566
217.30	220.00	2.70	6491.000	291.000	TRACE	89.000	0.200	826.000	23.740	73.000	0.766
220.00	222.00	2.00	6492.000	130.000	5.000	80.000	0.300	387.000	8.810	67.000	0.619

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB139

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	130.00	130.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
130.00	133.00	3.00	6514.000	39.000	12.000	65.000	0.500	1676.000	5.740	97.000	0.375
133.00	136.00	3.00	6515.000	94.000	26.000	120.000	0.300	2278.000	15.790	56.000	0.439
136.00	138.00	2.00	6516.000	65.000	26.000	144.000	0.200	2402.000	13.350	57.000	0.311
138.00	141.00	3.00	6517.000	80.000	24.000	102.000	0.400	2524.000	11.420	114.000	0.440
141.00	176.00	35.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
176.00	179.00	3.00	6518.000	174.000	12.000	101.000	0.400	365.000	5.450	49.000	0.633
179.00	180.00	1.00	6519.000	225.000	17.000	64.000	0.600	723.000	26.110	24.000	0.779
180.00	183.00	3.00	6520.000	130.000	11.000	72.000	0.600	474.000	4.870	64.000	0.644
183.00	186.00	3.00	6521.000	178.000	12.000	64.000	0.600	246.000	3.830	45.000	0.736
186.00	251.00	65.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
251.00	255.20	4.20	6522.000	140.000	20.000	58.000	0.200	1802.000	8.680	24.000	0.707
255.20	341.00	85.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
341.00	346.00	5.00	6523.000	259.000	10.000	65.000	0.100	2632.000	16.090	112.000	0.799
346.00	351.00	5.00	6524.000	133.000	TRACE	28.000	TRACE	1194.000	4.500	43.000	0.826
351.00	356.00	5.00	6525.000	119.000	10.000	17.000	0.300	787.000	2.000	45.000	0.875
356.00	360.80	4.80	6526.000	207.000	13.000	36.000	0.400	1200.000	5.690	159.000	0.852
360.80	382.60	21.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
382.60	386.50	3.90	6527.000	63.000	11.000	39.000	0.100	1176.000	5.980	58.000	0.618
386.50	389.50	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
389.50	391.00	1.50	6528.000	91.000	TRACE	33.000	0.200	1328.000	8.350	14.000	0.734
391.00	396.00	5.00	6529.000	39.000	3.000	24.000	0.400	946.000	4.230	4.000	0.619
396.00	398.60	2.60	6530.000	73.000	2.000	34.000	0.100	1194.000	8.770	7.000	0.682
398.60	400.50	1.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
400.50	402.10	1.60	6531.000	66.000	1.000	44.000	TRACE	1288.000	6.730	10.000	0.600
402.10	403.00	0.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
403.00	404.40	1.40	6532.000	141.000	TRACE	75.000	0.200	1339.000	20.270	478.000	0.653
404.40	406.00	1.60	6533.000	17.000	12.000	55.000	TRACE	1884.000	16.910	26.000	0.236
406.00	408.00	2.00	6534.000	29.000	8.000	87.000	TRACE	3296.000	14.770	54.000	0.250
408.00	409.30	1.30	6535.000	469.000	15.000	151.000	0.200	2418.000	15.920	101.000	0.756
409.30	507.00	97.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB140

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	454.00	454.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
454.00	459.20	5.20	8000.000	48.000	13.000	85.000	0.100	685.000	3.950	179.000	0.361
459.20	465.00	5.80	8001.000	288.000	9.000	248.000	0.900	530.000	10.300	30.000	0.537
465.00	470.00	5.00	8002.000	190.000	5.000	1596.000	0.900	620.000	7.010	27.000	0.106
470.00	473.00	3.00	8003.000	51.000	18.000	106.000	0.400	511.000	4.000	12.000	0.325
473.00	475.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
475.00	480.00	5.00	8004.000	62.000	21.000	79.000	0.500	522.000	3.850	7.000	0.440
480.00	486.00	6.00	8005.000	42.000	8.000	75.000	0.200	513.000	3.350	6.000	0.359
486.00	572.00	86.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
572.00	576.00	4.00	8006.000	62.000	9.000	93.000	0.100	563.000	3.540	10.000	0.400
576.00	579.30	3.30	8007.000	108.000	5.000	69.000	0.400	588.000	5.700	58.000	0.610
579.30	581.00	1.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
581.00	584.00	3.00	8008.000	321.000	6.000	2004.000	0.700	490.000	19.530	27.000	0.138
584.00	589.00	5.00	8009.000	256.000	7.000	3953.000	0.700	357.000	19.160	46.000	0.061
589.00	591.00	2.00	8010.000	521.000	11.000	3149.000	1.100	426.000	19.720	36.000	0.142
591.00	593.30	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
593.30	595.00	1.70	8011.000	364.000	39.000	1586.000	0.600	328.000	7.070	16.000	0.187
595.00	598.10	3.10	8012.000	352.000	4.000	2264.000	0.100	441.000	16.300	19.000	0.135
598.10	602.70	4.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
602.70	606.00	3.30	8013.000	242.000	2.000	245.000	TRACE	444.000	11.940	103.000	0.497
606.00	610.00	4.00	8014.000	304.000	TRACE	131.000	TRACE	469.000	15.030	114.000	0.699
610.00	612.40	2.40	8015.000	396.000	TRACE	196.000	TRACE	447.000	13.210	21.000	0.669
612.40	614.00	1.60	8016.000	390.000	2.000	178.000	0.400	480.000	5.440	73.000	0.687
614.00	676.00	62.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake

HOLE No.: CB141

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	512.80	512.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
512.80	514.50	1.70	8017.000	138.000	6.000	123.000	0.200	588.000	4.530	18.000	0.529
514.50	517.70	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
517.70	519.40	1.70	8018.000	621.000	9.000	1945.000	1.200	363.000	24.730	37.000	0.242
519.40	521.20	1.80	8019.000	519.000	4.000	3655.000	0.700	341.000	21.570	38.000	0.124
521.20	522.70	1.50	8020.000	229.000	8.000	2796.000	0.500	711.000	10.440	23.000	0.076
522.70	525.00	2.30	8021.000	606.000	9.000	3706.000	2.000	335.000	27.860	63.000	0.141
525.00	527.00	2.00	8022.000	1102.000	14.000	3333.000	2.100	319.000	28.530	69.000	0.248
527.00	529.00	2.00	8023.000	896.000	8.000	2798.000	1.300	264.000	31.650	49.000	0.243
529.00	531.50	2.50	8024.000	725.000	6.000	3330.000	1.500	262.000	28.310	59.000	0.179
531.50	533.00	1.50	8025.000	1295.000	15.000	2988.000	2.700	296.000	27.290	79.000	0.302
533.00	536.00	3.00	8026.000	827.000	9.000	2419.000	1.600	147.000	21.250	113.000	0.255
536.00	586.00	50.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB142

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
0.00	57.50	57.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
57.50	59.50	2.00	8027.000	264.000	TRACE	110.000	1.200	690.000	8.050	154.000	0.706
59.50	67.50	8.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
67.50	70.00	2.50	8028.000	382.000	4.000	101.000	2.400	751.000	14.210	1673.000	0.791
70.00	76.50	6.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
76.50	78.30	1.80	8029.000	114.000	TRACE	86.000	0.500	717.000	9.390	556.000	0.570
78.30	82.00	3.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
82.00	84.00	2.00	8030.000	241.000	TRACE	117.000	0.300	1014.000	13.450	529.000	0.673
84.00	101.00	17.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
101.00	104.00	3.00	8031.000	83.000	15.000	101.000	1.500	370.000	6.780	468.000	0.451
104.00	106.50	2.50	8032.000	262.000	16.000	210.000	1.600	785.000	10.080	586.000	0.555
106.50	109.00	2.50	8033.000	126.000	10.000	85.000	1.500	736.000	15.510	359.000	0.597
109.00	125.00	16.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
125.00	127.00	2.00	8034.000	230.000	14.000	136.000	1.200	834.000	27.700	58.000	0.628
127.00	129.20	2.20	8035.000	298.000	11.000	118.000	1.000	751.000	29.530	98.000	0.716
129.20	131.00	1.80	8036.000	197.000	5.000	67.000	0.400	401.000	25.020	334.000	0.746
131.00	134.30	3.30	8037.000	340.000	14.000	188.000	0.500	273.000	28.960	41.000	0.644
134.30	137.00	2.70	8038.000	162.000	43.000	232.000	0.600	1245.000	15.390	78.000	0.411
137.00	140.00	3.00	8039.000	85.000	14.000	122.000	0.500	631.000	10.700	48.000	0.411
140.00	142.00	2.00	8040.000	114.000	14.000	120.000	0.300	591.000	11.800	287.000	0.487
142.00	144.30	2.30	8041.000	63.000	TRACE	80.000	0.200	663.000	7.940	219.000	0.441
144.30	146.50	2.20	8042.000	35.000	TRACE	28.000	TRACE	610.000	10.420	43.000	0.556
146.50	149.00	2.50	8043.000	25.000	14.000	47.000	0.100	980.000	6.680	30.000	0.347
149.00	153.00	4.00	8044.000	107.000	TRACE	55.000	0.200	1102.000	15.330	129.000	0.660
153.00	157.00	4.00	8045.000	49.000	TRACE	38.000	TRACE	1183.000	13.060	53.000	0.563
157.00	162.00	5.00	8046.000	30.000	16.000	58.000	0.100	837.000	9.130	39.000	0.341
162.00	165.00	3.00	8047.000	57.000	TRACE	128.000	TRACE	1213.000	15.750	109.000	0.308
165.00	167.00	2.00	8048.000	63.000	TRACE	53.000	TRACE	559.000	16.040	106.000	0.543
167.00	169.00	2.00	8049.000	64.000	TRACE	62.000	TRACE	506.000	17.480	1109.000	0.508
169.00	172.00	3.00	8050.000	54.000	TRACE	54.000	TRACE	695.000	17.510	1389.000	0.500
172.00	175.00	3.00	8051.000	45.000	TRACE	54.000	TRACE	1138.000	16.500	2001.000	0.455
175.00	178.30	3.30	8052.000	106.000	TRACE	53.000	TRACE	1054.000	17.630	20350.000	0.667
178.30	181.00	2.70	8053.000	81.000	TRACE	63.000	0.300	1845.000	17.530	7552.000	0.563
181.00	184.00	3.00	8054.000	75.000	9.000	85.000	0.600	958.000	9.940	701.000	0.469
184.00	186.00	2.00	8055.000	34.000	TRACE	47.000	0.400	484.000	5.470	101.000	0.420
186.00	188.70	2.70	8056.000	29.000	10.000	57.000	0.700	550.000	4.370	277.000	0.337
188.70	190.00	1.30	8057.000	23.000	8.000	66.000	0.500	942.000	4.300	579.000	0.258
190.00	192.00	2.00	8058.000	103.000	3.000	416.000	0.700	1062.000	12.120	317.000	0.198
192.00	195.60	3.60	8059.000	174.000	11.000	208.000	0.400	558.000	16.160	1864.000	0.455
195.60	199.00	3.40	8060.000	62.000	2.000	111.000	0.200	823.000	8.830	321.000	0.358
199.00	201.00	2.00	8061.000	61.000	TRACE	105.000	0.600	738.000	7.440	423.000	0.367
201.00	206.00	5.00	8062.000	77.000	5.000	131.000	0.600	571.000	7.620	454.000	0.370
206.00	210.00	4.00	8063.000	81.000	TRACE	127.000	0.100	611.000	8.150	163.000	0.389
210.00	214.00	4.00	8064.000	87.000	4.000	115.000	0.400	773.000	7.530	56.000	0.431
214.00	216.70	2.70	8065.000	156.000	9.000	385.000	0.500	985.000	18.630	85.000	0.288
216.70	218.00	1.30	8066.000	213.000	6.000	500.000	0.200	749.000	21.680	785.000	0.299
218.00	221.20	3.20	8067.000	86.000	11.000	177.000	0.700	955.000	8.270	24.000	0.327
221.20	225.00	3.80	8068.000	50.000	9.000	455.000	0.200	663.000	4.210	43.000	0.099
225.00	228.00	3.00	8069.000	60.000	10.000	241.000	TRACE	550.000	4.640	50.000	0.199
228.00	233.00	5.00	8070.000	29.000	11.000	154.000	0.200	371.000	2.290	55.000	0.158

** BORSURV **

ASSAY LOG

PROPERTY: OneMan Lake
HOLE No.: CB142

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Cu/Cu+Zn
233.00	238.00	5.00	8071.000	30.000	20.000	114.000	0.200	235.000	2.230	76.000	0.208
238.00	243.00	5.00	8072.000	TRACE	TRACE	1.000	TRACE	4.000	0.040	TRACE	TRACE
243.00	247.70	4.70	8073.000	45.000	4.000	212.000	TRACE	654.000	3.750	883.000	0.175
247.70	253.00	5.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
253.00	257.70	4.70	8074.000	89.000	TRACE	307.000	TRACE	776.000	10.140	412.000	0.225
257.70	262.20	4.50	8075.000	118.000	TRACE	232.000	TRACE	593.000	10.470	307.000	0.337
262.20	264.70	2.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500
264.70	269.00	4.30	8076.000	59.000	11.000	295.000	TRACE	332.000	4.050	104.000	0.167
269.00	273.00	4.00	8077.000	73.000	3.000	145.000	0.300	452.000	5.270	97.000	0.335
273.00	276.00	3.00	8078.000	55.000	3.000	151.000	TRACE	512.000	2.790	93.000	0.267
276.00	278.00	2.00	8079.000	84.000	9.000	34.000	0.600	274.000	1.820	447.000	0.712
278.00	296.00	18.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	0.500

52L08SW0005 OM92-064 TREELINED LAKE

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT

DIAMOND DRILL LOGS

1991 - 1992

SUMMARY OF DRILL DATA ON BORSURV FILES AT OneMan Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Total	Zones Named	Elements
CB027	Grid B	1100.00	120.00	0.00	feet	-45.00	0.00	336.00	0	22	35	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB028	Grid B	1300.00	130.00	0.00	feet	-45.00	0.00	336.00	0	26	50	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB029	Grid B	1900.00	135.00	0.00	feet	-45.00	0.00	443.00	0	26	30	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB030	Grid B	2000.00	145.00	0.00	feet	-45.00	0.00	326.00	0	24	27	4	4	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB031	Grid B	2500.00	140.00	0.00	feet	-45.00	0.00	256.00	0	13	20	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB032	Grid B	700.00	125.00	0.00	feet	-45.00	0.00	336.00	0	21	41	[illegible]	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB033	Grid B	400.00	90.00	0.00	feet	-45.00	0.00	236.00	0	16	46	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB034	Grid A	900.00	112.00	0.00	feet	-45.00	0.00	246.00	0	13	17	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB035	Grid A	800.00	200.00	0.00	feet	-45.00	180.00	306.00	0	14	61	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB036	Grid A	700.00	200.00	0.00	feet	-45.00	180.00	396.00	0	14	41	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb)
CB037	Grid A	200.00	62.00	0.00	feet	-45.00	0.00	321.00	0	18	31	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB038	Grid H	592.00	-284.00	0.00	feet	-45.00	30.00	346.00	0	4	34	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB039	Grid H	800.00	-475.00	0.00	feet	-45.00	0.00	636.00	0	11	63	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB040	Grid H	900.00	-550.00	0.00	feet	-45.00	0.00	386.00	0	4	21	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB041	Grid H	875.00	-525.00	0.00	feet	-45.00	45.00	206.00	0	6	43	3	3	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB042	Grid H	800.00	-325.00	0.00	feet	-45.00	180.00	296.00	0	6	45	6	6	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB043	Grid H	600.00	-50.00	0.00	feet	-45.00	130.00	236.00	0	5	24	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB044	Grid H	975.00	0.00	0.00	feet	-45.00	340.00	566.00	0	14	25	1	1	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB045	Grid C	3100.00	200.00	0.00	feet	-45.00	0.00	296.00	0	9	29	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB046	Grid C	3512.00	400.00	0.00	feet	-45.00	0.00	176.00	0	10	20	3	3	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB047	Grid C	2400.00	300.00	0.00	feet	-45.00	0.00	246.00	0	19	17	1	1	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB048	Grid C	1900.00	285.00	0.00	feet	-45.00	0.00	376.00	0	13	22	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm)
CB049	Grid C	1000.00	277.00	0.00	feet	-45.00	0.00	256.00	0	11	19	3	3	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB050	Grid C	700.00	240.00	0.00	feet	-45.00	0.00	276.00	0	19	27	4	4	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))

Table 1

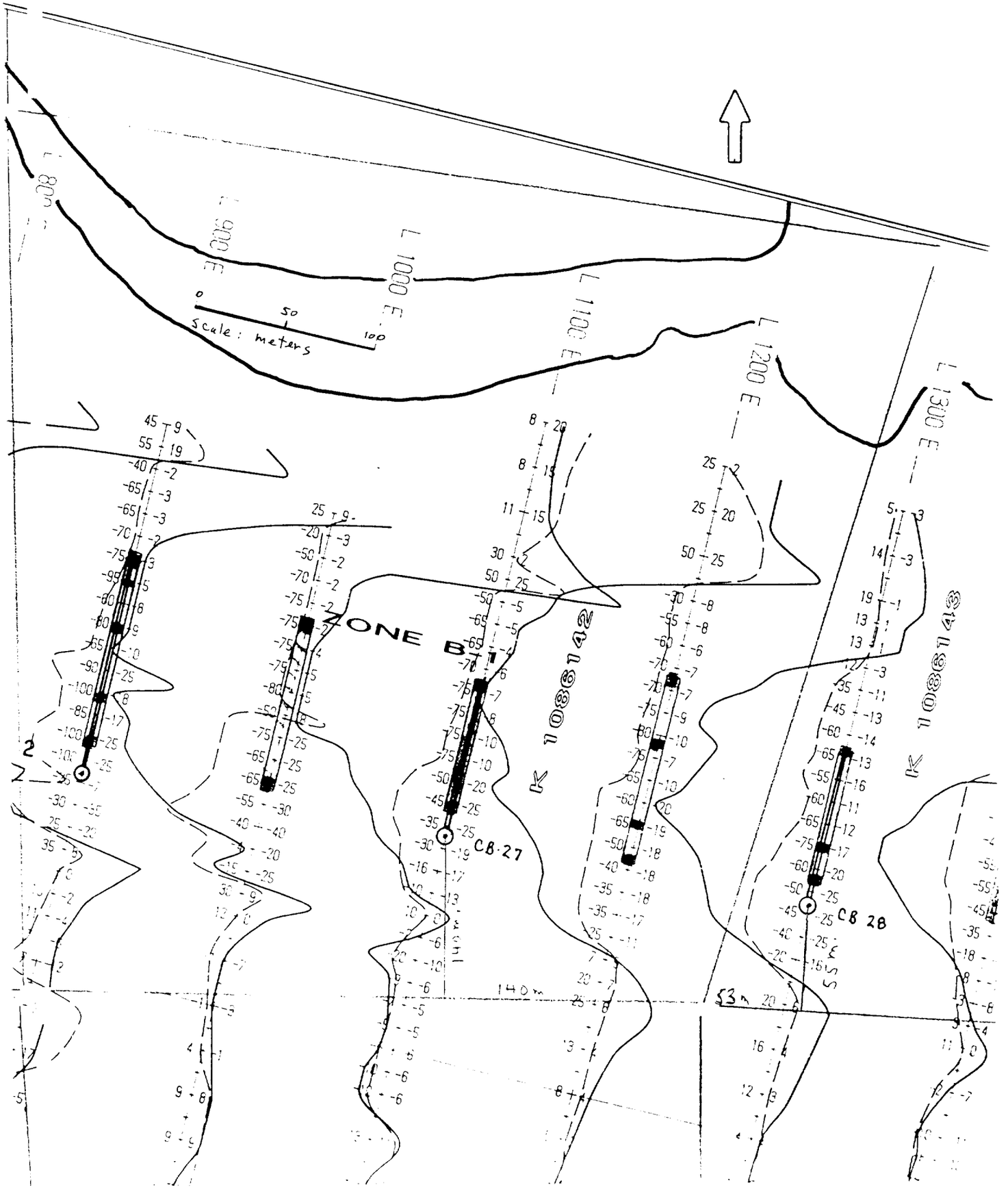
SUMMARY OF DRILL DATA ON BORSBRY FILES AT [illegible]

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Zones Total	Averaged Zones Named	Elements
CB051	Grid C	300.00	225.00	0.00	feet	-45.00	0.00	546.00	0	16	36	5	5	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB052	Grid C	200.00	150.00	0.00	feet	-45.00	0.00	526.00	0	20	36	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB053	Grid C	800.00	225.00	0.00	feet	-45.00	0.00	296.00	0	12	18	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB054	Grid C	900.00	232.00	0.00	feet	-45.00	0.00	266.00	0	12	32	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB055	Grid J	1815.00	-10.00	0.00	feet	-45.00	0.00	506.00	0	17	42	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB056	Grid J	2000.00	125.00	0.00	feet	-45.00	0.00	506.00	0	13	21	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB057	Grid J	2400.00	10.00	0.00	feet	-45.00	0.00	436.00	0	16	25	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB115	Grid Ext	8500.00	150.00	0.00	feet	-45.00	0.00	225.00	0	11	42	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB116	Grid Ext	8550.00	130.00	0.00	feet	-45.00	0.00	304.00	0	10	87	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB117	Grid Ext	8400.00	175.00	0.00	feet	-45.00	0.00	242.00	0	13	15	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB118	Grid Ext	8000.00	212.00	0.00	feet	-45.00	0.00	196.00	0	11	11	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB119	Grid Ext	7800.00	226.00	0.00	feet	-45.00	0.00	226.00	0	16	8	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB120	Grid Ext	8005.00	-408.00	0.00	feet	-45.00	0.00	456.00	0	21	136	0	0	9(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm), Au(ppb))
CB121	Grid Ext	9200.00	645.00	0.00	feet	-45.00	30.00	306.00	0	10	38	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB122	Grid Ext	9100.00	1012.00	0.00	feet	-45.00	0.00	426.00	0	5	18	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB123	Grid D	1400.00	-162.00	0.00	feet	-45.00	0.00	446.00	0	10	82	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB124	Grid I	2000.00	175.00	0.00	feet	-45.00	0.00	556.00	0	8	40	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB125	OML	7000.00	515.00	0.00	feet	-45.00	180.00	236.00	0	10	27	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB126	OML	6900.00	550.00	0.00	feet	-45.00	180.00	256.00	0	21	21	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB127	Grid I	5000.00	150.00	-45.00	feet	-45.00	0.00	276.00	0	7	22	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB128	Grid I	4900.00	135.00	0.00	feet	-45.00	0.00	206.00	0	7	17	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB129	Grid I	5200.00	0.00	0.00	feet	-45.00	0.00	216.00	0	5	12	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB130	Grid I	5200.00	-35.00	0.00	feet	-45.00	0.00	506.00	0	22	37	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB131	Grid I	5500.00	0.00	0.00	feet	-45.00	0.00	486.00	0	15	40	0	0	8(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))

SUMMARY OF DRILL DATA ON DORSURV FILES AT OneMan Lake

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Zones Total	Named	Elements
CB132	Grid I	5000.00	-185.00	0.00	feet	-45.00	0.00	206.00	0	9	23	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB133	Grid I	4600.00	-50.00	0.00	feet	-45.00	0.00	206.00	0	15	22	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB134	Grid I	4400.00	140.00	0.00	feet	-45.00	0.00	226.00	0	4	17	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB135	Grid I	4300.00	182.00	0.00	feet	-45.00	0.00	296.00	0	6	13	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB136	Grid I	3900.00	-600.00	0.00	feet	-45.00	0.00	296.00	0	12	26	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB137	Grid I	6300.00	-65.00	0.00	feet	-45.00	0.00	526.00	0	24	53	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB138	Grid I	6900.00	-210.00	0.00	feet	-45.00	0.00	282.00	0	14	27	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB139	Grid I	8000.00	-220.00	0.00	feet	-45.00	0.00	507.00	0	27	31	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB140	Grid Ext	8500.00	100.00	0.00	feet	-45.00	45.00	676.00	0	24	24	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB141	Grid Ext	8500.00	100.00	0.00	feet	-45.00	0.00	586.00	0	23	13	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))
CB142	Grid Ext	7900.00	-245.00	0.00	feet	-45.00	180.00	296.00	0	11	62	0	0	B(Sample, Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), Mn(ppm), Fe(%), As(ppm))

Total Holes: 59 Total depth: 21030.00 Total assays: 1969


L 900 E
L 1000 E
L 1100 E
L 1200 E
L 1300 E
0
50
100
Scale: meters
ZONE B
CB-27
CB 28
140m
53m
K 110861 42
K 110861 43

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB027
Collar Eastings: 1100.00
Collar Northings: 120.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 396.00 feet

Logged by: P. Bare
Date: Dec. 11-13, 1991
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	55.0	(CASING)											
55.0	73.0	(AMPHIBOLITE) Greenish-black colour,lite grey banding,well foliated at 60-70 to CA. Vfg hbl 40%,qtz 60%,with 10-20% qtz,qtz+ plag. banding on a mm. to cm. scale. Minor qtz veining(2-.2') near top of section. Traces fg py,mm. bands.Increased py banding to 5% towards base of unit. Minor fg pale pink garnet banding towards base of section.	0.00	73.00	73.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
73.0	77.5	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Grey banded,vfg. qtz-bte 5% schist,bte mm. bands. Minor irregularily distributed fg pale pink garnetiferous bands.Minor hbl-epidote green black cm. lenses. Pyrite 5%,mm. bands.Sulfide breccia sections to .2'of pyrite 70%,qtz 30%,as fg. clasts,with traces of Zns. 74.1-74.2 Py-qtz sulfide breccia,traces Zns. 75.5-75.8 Py banding 30%,traces Zns. 76.0-76.3 Py banding 30%. 76.7-77.4 Py banding 30%.	73.00 74.00 76.00	74.00 76.00 77.50	1.00 2.00 1.50	5101 5102 5103	109 227 261	14 13 83	529 2072 1541	TRACE 0.8 0.6	299 612 497	3.37 7.13 9.24	17 41 56
77.5	84.7	(AMPHIBOLITE-BANDED) Similar to previous unit,minor qtz,bte banding. Vfg schist,uniform texture. Pyrite mm. bands 1%.	77.50	84.70	7.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
84.7	85.8	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Similar to previous unit.Felsic tuff. Pyrite 10-20% mm. banding,sections to .1' pyrite bands.	84.70	85.80	1.10	5104	412	28	973	2.6	442	7.74	28
85.8	93.5	(AMPHIBOLITE) Grey-black-white colour,well foliated,weakly banded at 70 to CA. Speckled hbl-qtz-plag schist,traces pyrite.	85.80	93.50	7.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
93.5	98.0	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Grey banded,fg qtz,bte 5% banded schist. Pyrite mm. to cm. banded sections,pyrite to 20% over 1.' Pyritic sections often include Graphitic bands.	93.50 96.00	96.00 98.00	2.50 2.00	5105 5106	174 218	30 9	315 1666	2.5 0.1	231 144	7.03 5.15	36 79

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB027

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Traces Zns in qtz-py rich sections. 94.1-94.9 Pyrite-graphite laminated section. 94.9-95.0 Contorted foliation-possible drag fold,traces Zns in pyrite cm. lense. 96.5-98.0 Pyrite banded section,graphitic bands. 97.2-97.3 Qtz-pyrite vien,.05',10% Zns.											
98.0	105.4	(AMPHIBOLITE-BANDED) Grey-green-brown banded at 60 to CA. Fg. hbl 60%,qtz 30%, biotite 10% schist. Variabely banded,traces pyrite, occasional mm. bands.	98.00	105.40	7.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
105.4	107.3	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Milky grey-orange finely banded,vfg. qtz,minor bte banded. Graphite laminated,vuggy sections (3-.1'). Graphitic sections include pyrite to 20%,plus quartz. Pyrite also as mm. bands. Total pyrite content 15-20%.	105.40	107.30	1.90	5107	413	26	3319	0.6	450	10.68	52
107.3	116.5	(AMPHIBOLITE-BANDED) Grey,brown,finely banded.Well foliated at 70 to CA. Fg. hbl 50%,qtz 40%,bte 10% schist,bte mm. banded. Uniform texture,composition. Traces fg. pyrite,occasional mm. bands.	107.30	116.50	9.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
116.5	118.5	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Milky grey-orange brown banded. Fg. qtz-bte 10% schist, Pyrite 20%,bands,to 60% over .2', with flecks fg. Zns,mm. bands, total Zns 1%. Occasional lenses hbl-qtz-ep-pyrite (mafic fragments). Gradational lower contact. 116.8-117.0 Pyrite banding,traces Zns.	116.50	118.50	2.00	5108	240	19	160	1.4	192	6.66	25
118.5	127.8	(AMPHIBOLITE-BANDED) Grey,white banded schist. Fg. hbl 60%,qtz 30%,bte 10%. Cm. bands qtz-ep-plag-bte,pyritic. Biotite banding.Gradual contacts.											
127.8	133.0	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Indistinct contacts. Similar to previous section. Biotite 10-20%,banding. Occasional plag-ep lenses - mafic fragments. Pyrite banding concentrated in 2-.1' sections,with traces fg. Cpy.	118.50 130.50	130.50 132.00	12.00 1.50	N.S. 5109	N.S. 60	N.S. 20	N.S. 442	N.S. 1.5	N.S. 448	N.S. 4.97	N.S. 226

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB027

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		131.3-131.4 Pyrite 40%,bte,traces Cpy.											
133.0	153.0	(AMPHIBOLITE-BANDED)	132.00	153.00	21.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous unit.											
		Increased quartz content to >50%,bte bands 20%,plag-ep											
		lenses >5%. Speckled texture towards base of unit.											
		Traces of fg. pyrite,mm. bands.											
153.0	212.0	(QTZ-BTE SCHIST)	153.00	155.50	2.50	5110	87	49	503	1.3	697	5.42	38
		Felsic tuff-fragmental.	155.50	159.50	4.00	5111	240	28	1758	1.0	657	5.92	69
		Grey-banded schist.Quartz,bte 5-10%,banded.	159.50	164.30	4.80	5112	153	9	649	0.3	590	6.43	25
		Occ. milky green-white qtz.lenses to .3';poss.felsic frags.	164.30	166.00	1.70	5113	196	135	2080	1.2	721	6.10	80
		Diss.fg. py.10%,occ. cm. banding.Traces diss. po,bands.	166.00	169.50	3.50	5114	224	25	1473	0.7	670	7.37	68
		Irregular distributed quartz rich sections,to 3.',with	169.50	174.30	4.80	5115	214	26	1644	1.5	643	8.56	139
		po,py,graphite banding,with traces Cpy,Zns.	174.30	179.00	4.70	5116	182	17	1132	0.3	696	5.92	155
		Quartz-sulfide sections display Sulfide breccia texture	179.00	184.10	5.10	5117	404	25	2518	0.3	565	11.05	17
		ie: subrounded quartz clasts cemented by po + py,with	184.10	189.00	4.90	5118	249	34	1782	0.7	534	7.64	101
		traces Cpy,Zns. S.B. sections often contorted foliation;	189.00	191.00	2.00	5120	43	9	193	TRACE	611	3.61	26
		small scale drag folding.	191.00	196.00	5.00	5121	20	8	108	TRACE	416	2.41	29
		Traces fg. pink garnets.	196.00	198.00	2.00	5119	126	25	289	1.4	570	4.39	39
		Occ.fg. white-pale laths-Cordierite?											
		155.8-155.9 Traces fg. Zns.											
		157.0-157.5 Mg Cord. traces.											
		165.3-165.4 Zns fg. traces in mm. py cross banding.											
		167.0-168.0 Fg py,po 10%.											
		174.3-174.5 Vuggy py S.B.,po banding.											
		179.0-184.1 Po 20%,py 2%,graphite bands.											
		182.0-184.1 Contorted foliation;drag folds,wkly brecc.text.											
		184.1-189.0 Po 10%,py 10%,traces cpy,zns.											
		186.0-187.0 Zns,Cpy traces.											
		192.0-193.0 Fine x-fractures,red-hematite stained.											
212.0	231.5	(QTZ-BTE-MUSC SCHIST)	198.00	226.00	28.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Rhyolite,sheared sections.	226.00	231.50	5.50	5122	27	93	72	1.1	619	3.00	70
		Grey,red stained.Vfg qtz-bte 5%,muscovite 5% schist.											
		Highly fractured section 3.',Broken core.											
		Finely banded,folaited at 60-80 to CA.											
		Broken core,brecciated sections calcite cemented.											
		Traces fg. diss. py.											
		214.0-217.0 Broken core.											
		228.0-231.5 Late shear.Brecc'd,calcite,graphite,fg py 5%.											
231.5	275.5	(QTZ-BTE-MUSC SCHIST)	231.50	265.00	33.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Banded rhyolite.	265.00	268.70	3.70	5123	20	34	421	0.6	190	1.54	20

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB027

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
						ASSAYS							
		Gradational from previous unit.Finely banded,foliated at 70 to CA.Fg. grey-black schist,qtz,minor bte,musc. Sections .1'-.3' poss. felsic fragments. Sections finely brecciated . Increase in grain size to mg. towards 260.0',inc.musc. content to 5%. Traces fg pyrite. Sections-3 to 3.' Granite pegmatite,brecciated texture. 257.7-258.2 Granite pegmatite;Cg. K-feldspar,garnets. 265.0-266.0 Weak feldspar porphyry textured section. 265.0-268.7 Gran.peg.,brecc'd,tr.py,py 20%,Zns 2% .5'top. 273.0-273.5 Gran.peg.	268.70	275.50	6.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
275.5	278.5	(MASSIVE SULFIDE) Sulfide breccia; Po matrix 65%, quartz clasts 30%,py 5%, traces fg Zns. Gradational to qtz 50%/ po 50% mm. banded schist. 275.5-271.2 S.B. 277.2-278.5 Banded schist,traces Zns.	275.50	278.50	3.00	5124	102	21	182	1.9	458	20.45	15
278.5	320.5	(QTZ-MUSC-BTE SCHIST) Banded rhyolite. Grey-black-white speckled,banded schist,banded at 75 to CA. Qtz, musc 5%,bte 2% schist,NVS. Occasional patches (10%) milky white,pale green vfg. felsic fragments. 282.2-282.5 Trace aspy 291.6-292.2 Granite pegmatite											
320.5	335.0	(QTZ-MUSC-BTE PORPHYRY) QFP ? Plagioclase porphyroblasts? Similar to previous unit,vfg banded rhyolite,felsic fragments 5-10% to 1.'. F-mg porphyroblasts feldspar or quartz in sections. NVS. 320.5-335.0 Porphyritic texture 342.7-343.0 Granitic pegmatite											
335.0	379.6	(QTZ-BTE-MUSC SCHIST) Banded rhyolite,similar to 278.5-320.5'section. Foliated at 80-90 to CA. 10% weakly porphyritic quartz sections. NVS.											

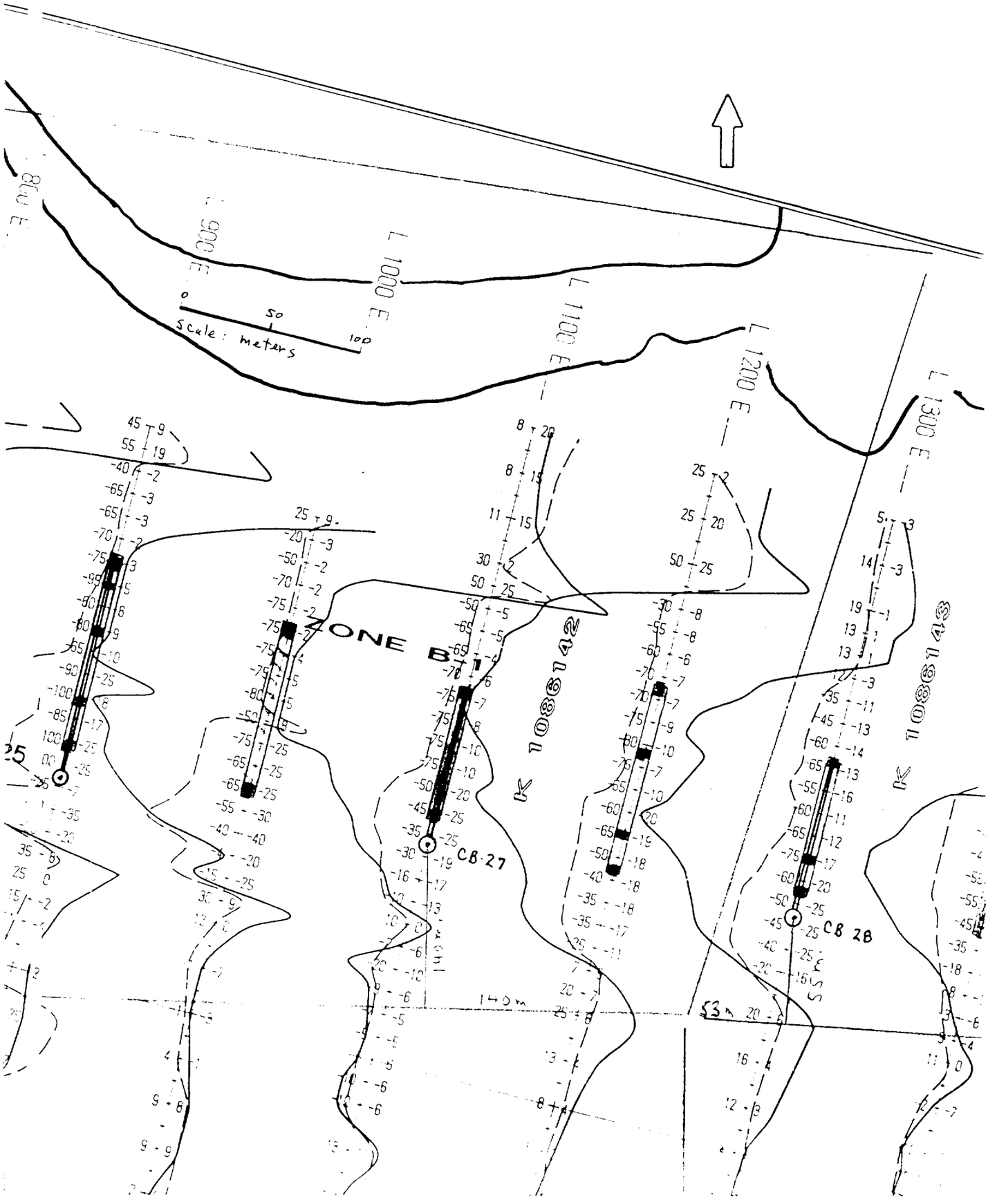
CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB027

FROM	TO	LITHOLOGICAL DESCRIPTION
379.6	396.0	(QTZ-BTE SCHIST) Felsic tuff.Biotite 5-10%.Grey-white qtz speckled schist, f-mg porphyrobiasts of quartz.Uniform texture,composition. Foliated,banded at 75 to CA..NVS. 396.0 - (E.O.H.)

			ASSAYS								
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
278.50	396.00	117.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.


L 900 E
L 1000 E
L 1100 E
L 1200 E
L 1300 E
0
50
100
Scale: meters
ZONE B1
CB-27
CB 28
140m
53m
7086142
7086143

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB02B
Collar Eastings: 1300.00
Collar Northings: 130.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 396.00 feet

Logged by: P. Barc
Date: Dec. 14-16, 1991
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
0.0	10.0	(CASING)											
10.0	48.2	(AMPHIBOLITE-BANDED) Green-black colour.Pale green,white patches,banding at 70 to CA. Fg hbl 60%,qtz 10%,epidote + plag (banding) 30%. Minor biotite banding,traces py in ep-plag banding. Fg disseminated py. 10% near base of unit. Minor section (.2') pink garnet banding. Increase in quartz content towards base of unit. 32.3-33.7 Qtz 45%,Bte 45%,sericite?,traces py. Felsic tuff? 46.0-48.2 Qtz 70%,bte 20%,pyrite 10%.	0.00	45.70	45.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
			45.70	48.20	2.50	5125	75	13	139	0.5	808	6.45	185
48.2	52.9	(MASSIVE SULFIDE) Sulfide breccia.Qtz clasts 30%,finely brecciated qtz rich material cemented by po 50%,py 20% matrix with traces Zns, Cpy,Aspy. 52.2-52.9 Quartz 80%,po,py 20%.	48.20	52.90	4.70	5126	358	14	2421	0.9	562	16.30	17
52.9	85.0	(AMPHIBOLITE-BANDED,GARNETIFERDUS SECTIONS) Black,pale green,white banded (60%).Banding at 75 to CA. Fg hbl 60%,qtz 20%,epidote + plag (banding) 10%. F-mg pink garnets 10%, irregularily distributed cm. to .2' bands,bands up to 60% garnet. Traces fg pyrite in ep-plag-quartz banding. Uniform texture,composition. Sharp contacts.	52.90	85.00	32.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
85.0	88.2	(QTZ-BTE-PO-PY SCHIST) Grey banded fg qtz-bte 10% schist.Po 35%,Py 10%,Zns 1-2%, traces magnetite.Po,py occur as diss. fg crystals,as bands, and as matrix cementing finely brecciated qtz-bte schist. 85.0-88.2 Po 40%,py 10%,Zns 1%. 85.0-86.0 Po 40%, Zns 2%.	85.00	88.20	3.20	5127	60	20	274	0.4	665	5.16	35
88.2	91.8	(QTZ-BTE SCHIST) Grey-black (bte) banded schist,fg qtz 75%,bte 20%,py 5%. Traces fg pink garnets. Biotite banding 60%/.2' near base of unit.	88.20	91.80	3.60	5128	459	42	5181	0.9	1107	13.64	4

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB028

FROM	TO	LITHOLOGICAL DESCRIPTION
91.8	113.5	(AMPHIBOLITE-BANDED) Green-grey banded at 70 to CA. Fg hbl 50%, qtz 30%, bte 20% schist,mm. to cm. bte bands, quartz banding,minor garnet banding. Traces pyrite,mm. bands,sections silicified with py to 20%. 95.0-95.5 15% py banding,foliated at 50 to CA.-change-folial fold. 97.0-97.2 Vuggy py-qtz sulfide breccia,Cpy blebs 10%top.1'.
113.5	118.5	(GRANITE PEGMATITE) Pink,mg K-feldspar,x-cut top contact,Minor interstitial py stringers to 115.5'.
118.5	119.3	(AMPHIBOLITE-ALTERED + MASSIVE SULFIDE SECTIONS) 118.5-119.0 Bte 70%,qtz 20%,py 10%-contact margin G.P. 119.0-119.3 Qtz 50%,py 50%,massive sulfide,tr.Cpy on x-frac
119.3	128.7	(AMPHIBOLITE-BANDED,ALTERED) Weakly silicified. Grey,brown banded hbl 60%,qtz 30%,bte 10%.Banded at 80 toCA Trace py,po,bands,qtz,bte banding,traces fg pink garnets. 123.0-123.2 Vuggy qtz-py massive sulfide section. 127.4-127.5 Cm. py band in silicious,bte .3' band.
128.7	129.8	(QUARTZITE + MASSIVE SULFIDE SECTIONS) Grey,banded at 80 to CA.,with contoreted sections. Fg qtz + po bands.Occasional Graphitic bands.Po 30%. Massive sulfide section .4',vuggy,qtz 30%,py 50%,graph.18%, Zns 2%. 129.4-129.6 MS,py-graph-Zns section.
129.8	158.1	(AMPHIBOLITE) Black,grey colour,minor bte,qtz banding near top of section.Fg hbl 60%,qtz 30%,bte 10% schist. Traces pyrite. 142.0-158.1 Speckled hbl-qtz schist,uniform texture,comp.. NVS.
158.1	167.3	(QTZ-BTE SCHIST + MASSIVE SULFIDE SECTIONS) Grey,white banded, fg. qtz 90%,bte 10% schist.Generally qtz with fine biotite banding.Traces po,py,Zns. Massive sulfides occur in narrow sections to 2.',with po to 60%, graphite to 20%, py 10%,and Zns 2-3%,Zns occurs within po stringers,rarely within py bands.Trace magnetite.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
91.80	95.00	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
95.00	97.50	2.50	5129	610	3	117	0.6	327	7.85	89
97.50	113.00	15.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
113.00	116.00	3.00	5130	59	17	53	0.3	249	2.73	18
116.00	118.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
118.00	120.00	2.00	5131	242	30	3122	1.4	661	7.50	45
120.00	122.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
122.00	123.90	1.90	5132	82	14	353	1.5	286	7.77	44
123.90	127.00	3.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
127.00	130.50	3.50	5133	185	TRACE	1034	0.4	261	6.37	26
130.50	158.10	27.60	N.S.	N.S.	N.S.	N.S.	N.S.	NIL	N.S.	N.S.
158.10	159.80	1.70	5134	68	TRACE	703	0.2	372	3.19	12
159.80	162.60	2.80	5135	519	16	3238	0.9	441	13.47	17
162.60	164.50	1.90	5136	239	29	2136	0.5	344	6.67	96
164.50	166.00	1.50	5137	253	11	2438	0.6	430	9.27	334

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB028

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
								ASSAYS					
		Sulfide sections often display finely brecciated texture; qtz-bte schist cemented by a po-py-zns matrix. 158.1-159.8 Traces py,po,Zns. 159.8-162.6 Po 40%,graphite 20%,py 10%,Zns 1-2%. 162.6-164.5 Traces py,po. 164.5-166.0 Po 30%,py 10%,Zns 1%,massive graphite band. 166.0-167.3 Traces po,py.											
167.3	191.2	(AMPHIBOLITE-BANDED)	166.00	168.00	2.00	5138	58	TRACE	187	0.2	165	2.63	80
		Green black banded hbl-qtz-bte schist,ep-qtz-py bands;	168.00	170.00	2.00	5139	66	4	72	0.1	222	3.39	47
		bands 5% to 1cm.,near top 10.'.	170.00	175.00	5.00	5140	58	11	75	0.7	374	3.98	38
		Sections black,massive,weakly foliated hbl-qtz schist	175.00	180.50	5.50	5141	45	7	68	0.4	352	3.59	14
		finely cross fractured,with white quartz coatings.	180.50	191.00	10.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Traces pyrite.											
191.2	193.0	(QUARTZITE)											
		Orange-grey finely banded fg cherty qtz schist,finely brecciated texture (qtz breccia,qtz matrix). Sharp contacts.NVS.											
193.0	220.3	(QTZ-BTE SCHIST + QUARTZITE + AMPHIBOLITE BANDS)	191.00	193.70	2.70	5142	28	16	182	TRACE	722	4.37	20
		Generally fg qtz-bte 2%,grey,finely qtz banded schist,with	193.70	196.00	2.30	5143	88	20	293	0.4	720	10.25	18
		minor py,po banding. Traces Zns.	196.00	199.60	3.60	5144	66	18	356	TRACE	561	4.34	28
		Narrow sections (3-.5') hbl-qtz-bte (green black banded),	199.60	203.80	4.20	5145	78	12	375	TRACE	809	5.07	12
		with ep-plag-qtz,pyritic bands.Trace fg pink garnets.	203.80	208.40	4.60	5146	53	8	207	TRACE	509	3.95	24
		Minor orange-grey quartzite banded sections (2-1.').	208.40	212.80	4.40	5147	87	10	297	TRACE	652	5.61	28
		193.8-194.0 Sulfide breccia,py 70%,qtz 30%.	212.80	217.00	4.20	5148	152	16	849	TRACE	720	5.58	43
		204.6-204.7 Traces Zns in quartzite,with pyrite 10%.	217.00	220.30	3.30	5149	174	15	137	0.2	419	7.63	158
		206.5-207.5 Quartzite,orange,finely brecciated. 212.8-213.1 Qtz vien,py 20%,tr. aspy.											
220.3	245.8	(QTZ-PO-BTE SCHIST)	220.30	224.00	3.70	5150	380	22	2153	0.6	842	9.19	37
		Grey banded,fg qtz 50%,po 30%,bte 10%,py + graphite 8%,	224.00	226.00	2.00	5151	180	17	3173	0.7	594	10.49	34
		Zns 2%.Banded at 60-80 to CA.(variable).	226.00	229.00	3.00	5152	81	15	531	0.3	726	5.63	29
		Sulfides occur as fg disseminated xls,mm bands,irregular	229.00	233.00	4.00	5153	260	12	1482	0.9	715	9.42	25
		fine stringers.	233.00	238.00	5.00	5154	430	34	2530	0.8	870	11.92	18
		Po rich sections (60%) often include fg blebs Zns,with up	238.00	242.00	4.00	5155	245	41	2646	1.1	829	9.43	52
		to 20% graphite.											
		Traces Cpy,trace aspy.(239.0')											
		Minor (2-1.') Po-sulfide breccia sections with po 60%,											
		qtz 30%,traces Zns.											
		220.3-222.5 Po 30%,minor py,graphite,traces Zns,Cpy..											
		222.5-224.0 Bte banding,traces po,py.											
		224.0-225.5 Po 40%,py 15%,graphite,traces Zns.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB028

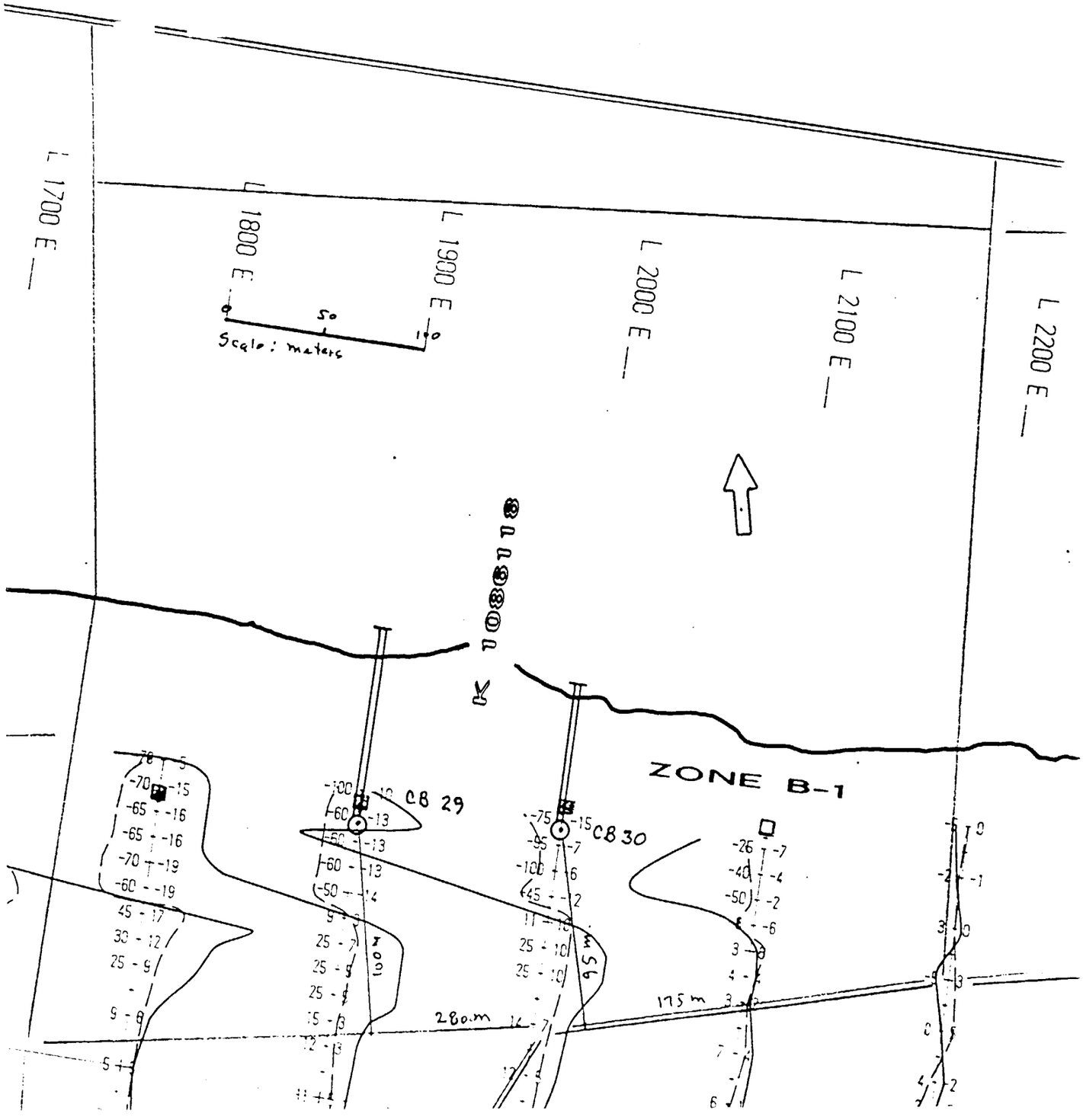
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		225.5-229.0 Qtz-bte,traces sulfides.											
		229.0-232.0 Po 40%,py 5%,traces graphite,Ins.											
		232.0-233.8 Qtz-bte schist,po 10%.											
		233.8-245.8 Po 40%,graphite 5%,traces Cpy,Aspy.											
245.8	285.5	(QTZ-BTE SCHIST)	242.00	246.00	4.00	5156	498	46	3222	1.3	572	9.91	36
		Felsic fragmental.	246.00	249.00	3.00	5157	63	22	356	0.3	590	3.55	46
		Grey-whitish banded at 70 to CA.,fg qtz 95%,bte 5%.	249.00	255.00	6.00	5158	32	24	149	0.2	543	3.06	57
		Bands of pale beige,greenish grey vfg qtz-bte material.											
		Fragments mm. to .3',traces pyrite.											
		278.3-279.3 Graphite cm. band,1.' broken core.											
285.5	292.5	(GRANITE PEGMATITE)											
		White,grey. Cg. plagioclase,bte 2%,muscovite 2%.											
		Traces pyrite.											
292.5	304.0	(QTZ-MUSC-BTE SCHIST)	255.00	302.00	47.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous section-gradational.	302.00	304.00	2.00	5159	32	21	166	0.2	499	3.88	221
		Fg. musc 5-10%,musc. content gradual increase to 10%.											
		Trace pyrite.											
		303.4-304.0 Po banding 15%.											
304.0	306.0	(MASSIVE SULFIDE)	304.00	306.00	2.00	5160	112	27	198	0.6	776	24.70	14
		Sulfide breccia. Po matrix,70%,qtz fg to pebble clasts 30%.											
		Unit includes .5' qtz-po-py finely brecciated schist at											
		base of unit,graphitic.											
306.0	309.8	(QTZ-BTE-MUSC-GRAPHITE SCHIST)	306.00	309.00	3.00	5161	20	12	170	0.1	650	3.53	24
		Grey,finely banded,variable composition.											
		306.0-307.5 Qtz-bte,graphite 5-10%.											
		307.5-309.2 Qtz-bte,musc 5% finely brecciated schist,tr.po.											
		309.2-309.8 Qtz-po 30%-bte 5%,graphitic schist.											
309.8	310.8	(MASSIVE SULFIDE)											
		Similar to previous unit.Sharp contacts,with qtz-po-py-bte											
		banded schist .3' along lower margin.											
		Contorted foliation,banded at 30-40 to CA.											
310.8	378.8	(QTZ-MUSC-BTE SCHIST)	309.00	311.50	2.50	5162	95	12	297	0.2	609	13.16	18
		Grey,white banded schist,banded at 60-70 to CA.	311.50	315.00	3.50	5163	29	8	214	0.1	808	5.91	3
		Qtz,musc 10%,bte 5%.											
		Felsic fragments 20%; Fg qtz-bte mm. to cm. beige,milky											
		pale green colour,traces po.											
		310.8-315.0 Po banding 10%.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB028

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		310.8-351.0 Muscovite rich. 351.0-378.8 Biotite > muscovite.											
378.8	386.2	(GRANITE PEGMATITE) White,cg,minor assimilated felsic schist sections, traces pyrite along contact margins.											
386.2	396.0	(QTZ-MUSC-BTE SCHIST) Similar to previous unit.Foliated,weakly banded at 70 to CA..Muscovite,biotite rich sections. Relict felsic fragment textures.	315.00	396.00	81.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		396.0 - (E.O.H.)											


L 1700 E
L 1800 E
L 1900 E
L 2000 E
L 2100 E
L 2200 E
0
50
100
Scale: meters
ZONE B-1
CB 29
CB 30
100 m
95 m
280 m
175 m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB029
Collar Eastings: 1900.00
Collar Northings: 135.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 442.00 feet

Logged by: P. Barc
Date: Dec. 17-19, 1991
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	25.0	(CASING)
25.0	27.5	(AMPHIBOLITE-BANDED) Green-white (quartz) banded on a cm. scale. Foliated,banded at 70 to CA. Hbl 60%,qtz 25%,ep 5% schist. Quartz-epidote banding often contains traces pyrite. Sharp lower contact.
27.5	30.3	(QTZ-PO SCHIST + MASSIVE SULFIDE SECTIONS) Green-white banded near top,generally grey (qtz),po banded schist,foliated at 70 to CA. Qtz 50%,po 49%,Ins 1%. Po occurs as fg crystals,occasional mm. bands,often with traces Ins. Massive sulfide sections; 3,narrow, to .3';vuggy,qtz 30%, f-cg py 50%, po 20%. Sulfide cemented finely brecciated qtz schist.
30.3	33.2	(GRANITE PEGMATITE) Pink,cg K-feldspar,sections finely brecciated,with fg muscovite cement. Top contact 70 to CA.,lower ct. 30 to CA. Interstitial fg py,fg bands 2-3%.
33.2	36.0	(QTZ-PO SCHIST) Similar to previous unit,without MS. sections. Foliated at 50 to CA. Traces bte, Ins.
36.0	77.9	(QTZ-PO SCHIST) Grey-white banded (mm scale),white speckled schist. Qtz 90%,bte 8%, disseminated fg po 2%,traces py. Decrease in sulfide content towards base of unit. Traces fg pink garnets. Weakly developed mg qtz phyric texture. Banded at 70 to CA..Weakly developed fragmental texture towards base of unit;ie;whitish green,beige cm.lenses of vfg. qtz,bte,garnets.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	27.50	27.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
27.50	30.30	2.80	5164	180	16	1015	0.6	806	9.92	16
30.30	33.20	2.90	5165	14	TRACE	53	0.1	84	1.17	TRACE
33.20	36.00	2.80	5166	125	10	146	0.3	414	7.06	13
36.00	39.20	3.20	5167	23	18	89	0.2	478	2.69	91
39.20	77.90	38.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB029

FROM	TO	LITHOLOGICAL DESCRIPTION
77.9	112.3	(AMPHIBOLITE-BANDED,GARNETIFEROUS SECTIONS) Greenish black fg hbl-qtz schist,mm.bte bands 10-15%. 5-10% f-mg pink garnet bearing sections (to .5'). Occ. qtz-epidote-py cm to .3' bands. Decreased bte,garnet banding towards base of unit. Well foliated,banded at 75 to CA. Sharp top ct.,gradational lower ct.. 81.0-81.3 Ep-qtz-plag,garnet band,po+py 20%,2% Cpy.. 111.2-111.9 Broken core
112.3	121.0	(AMPHIBOLITE-SPECKLED) Pale green-grey,green black(hbl) speckled schist. Generally f-mg hbl, 75%,qtz 25%,traces fg pyrite. Weakly developed qtz banding (<5%,on a mm. scale). Weakly foliated,banded at 70-80 to CA..
121.0	136.3	(AMPHIBOLITE-BANDED) Similar to 25.0-27.5' Minor fg garnetiferous banding near base of unit,biotite banding;134.0-136.3'.
136.3	137.2	(QTZ-HBL-BTE-PO,PY SCHIST) Qtz 50%,hbl 40%,bte 5%,po + py 5%. Grey,fg weakly banded schist. Po + py as occ. mm. bands.
137.2	138.0	(AMPHIBOLITE) Green-black,hbl 60%,qtz 30% schist,bte 10% (mm. bands). Minor po,py.
138.0	139.2	(QTZ-PY-PO-HBL SCHIST) Grey (qtz),green black (hbl) banded schist.Py + po 50%, py,po occur in sections (2-.2'),with qtz,as fg blebs,fine stringers,.1' band py 70%,qtz 30%. Traces Zns.
139.2	140.2	(AMPHIBOLITE) Similar to 112.3-121.0'. Fg hbl-qtz,hbl speckled schist.Uniform texture,comp.. Minor biotite banding,weakly banded,foliated at 80 to CA.. Traces pyrite.
140.2	149.2	(QTZ-BTE-HBL-PY SCHIST) Grey,brown (bte), green (hbl) fg banded schist.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
77.90	81.60	3.70	5168	197	14	95	0.4	774	4.94	50
81.60	136.00	54.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
136.00	138.00	2.00	5169	70	10	151	0.1	405	4.21	17
138.00	139.20	1.20	5170	234	21	1870	0.7	325	9.04	72
139.20	146.00	6.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
146.00	149.20	3.20	5171	156	3	117	0.6	139	3.13	16

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB029

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Qtz 60%,hbl 20%,bte 15%,py 5% (mm. bands),minor po bands.											
		Crudely segragated into sections,bands.											
149.2	184.5	(AMPHIBOLITE)	149.20	184.50	35.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Speckled schist,similar to 139.2-140.2'.											
		Minor py,bte bands (esp. near top,lower 5.')											
184.5	224.7	(QTZ-PY-PO-GRAPHITE SCHIST + AMPHIBOLITE BANDS)	184.50	188.00	3.50	5172	217	52	2096	1.1	480	5.56	27
		Inhomogenous schist.	188.00	192.00	4.00	5173	442	29	1823	0.7	475	6.62	17
		Grey (qtz,graphite),sulfide (py,po) banded schist.	192.00	195.00	3.00	5174	270	20	1865	1.1	435	8.15	20
		Foliated at 50-70 to CA.-variable-drag folding.	195.00	198.60	3.60	5175	118	2	145	0.5	447	7.73	41
		Generally qtz 45%,py>>po,traces fg Zns.Py + po + Zns total	198.60	203.60	5.00	5176	379	48	2919	1.3	366	9.19	114
		35%,graphite occurs as fine (mm.) bands in sections,	203.60	208.00	4.40	5177	115	12	800	0.8	427	6.69	35
		total graphite 15%.	208.00	213.00	5.00	5178	228	40	1934	2.5	381	8.99	47
		Biotite occurs as fg laminations in isolated sections.	213.00	218.00	5.00	5179	98	19	471	0.7	753	5.85	34
		Total bte. 5%.	218.00	222.00	4.00	5180	148	26	1196	1.1	798	6.45	17
		Minor sections finely brecciated Qtz schist cemented by											
		sulfides.Minor massive sulfide-sulfide breccia sections,											
		to .2'.											
		Amphibolite bands; 2 to 3.';Green,white (qtz) banded,											
		fg hbl-qtz-bte 20% banded,po,py to 20% in ep-qtz-plag											
		banded sections.											
		184.5-194.6 Qtz-py-po banded,graphite,traces Zns.											
		194.6-198.6 Amphibolite-banded,py,po.											
		198.6-204.0 Qtz-po,py banded,graphite,Zns 2%.											
		204.0-207.5 Amphibolite,minor po,py.											
		207.5-224.7 Qtz,qtz-bte schist,40% qtz-py-po sections,											
		graphite,tr.Zns,minor cherty orange sections.											
224.7	229.3	(GRANITE PEGMATITE)	222.00	226.00	4.00	5181	153	16	1793	1.2	439	4.24	22
		Pink,cg,sharp contacts, at 90 to CA.	226.00	229.30	3.30	5182	19	8	136	0.6	183	1.05	18
		Weak brecciated texture in sections.											
		Interstitial py,minor bands 2-3%.											
229.3	256.2	(QTZ-BTE SCHIST)	229.30	232.00	2.70	5183	34	18	176	TRACE	587	3.06	30
		Grey,white/black banded,weakly foliated at 80-90 to CA..											
		Fg qtz-bte 10% schist,sections fragmental texture;											
		fg qtz-bte-ser cm.to.3' felsic clasts,pale green,white.											
		248.0-252.0 Red-hematite staining near base of unit.											
		Traces pyrite.											
256.2	283.7	(GRANITE PEGMATITE)											
		F-cg,pink,K-feldspar.											
		Weak brecciated texture,muscovite matrix.Weakly foliated											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB029

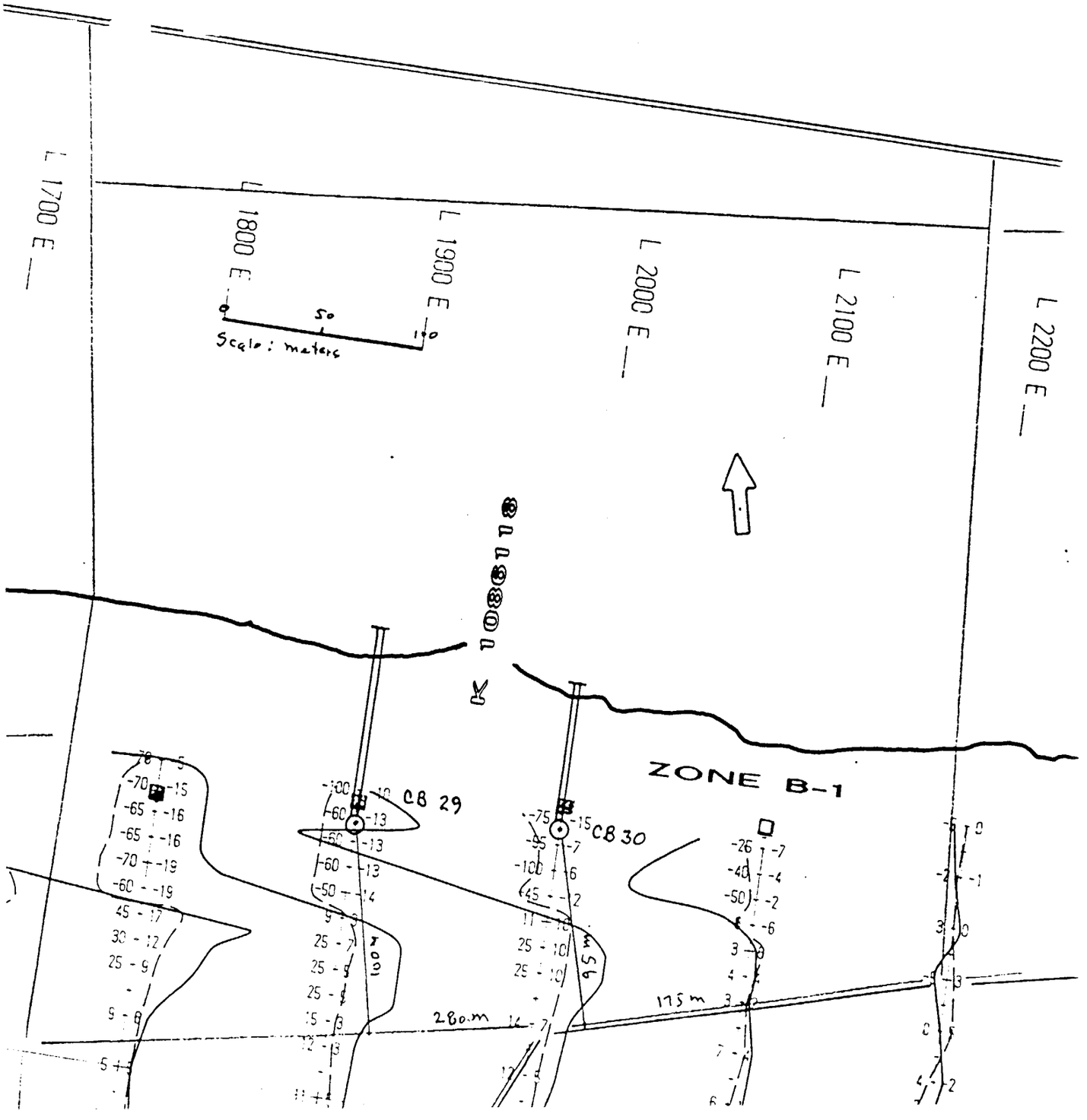
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		at 40 to CA..Sharp contacts at 90 to CA..											
		Traces pyrite.											
283.7	285.0	(QTZ-PO-BTE SCHIST)											
		Grey,qtz-bte 10%,po 10%,minor graphite banding.											
		Gradational lower ct..											
285.0	315.5	(QTZ-BTE SCHIST)											
		Grey,fg,qtz,bte 20%,qtz,bte banded,py 2%.											
		Uniform comp'n,texture.											
315.5	359.0	(QTZ-MUSC-BTE SCHIST)											
		Grey-white-red-black banded,mm scale.											
		Inhomogenous;felsic fragmental?,possible banded rhyolite.											
		Arbitrary top contact,based on presence of muscovite.											
		Qtz,feldspar,bte to 20%,musc 5-10% fg schist.											
		Red banding,hematite.											
		Fractured,1 per 2.',2' broken core section.											
		NVS.											
		355.0-359.0 Broken core,ct.margin.											
359.0	425.0	(GRANODIORITE)	232.00	425.00	193.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		White,black speckled,banded;bte,musc..											
		Qtz,K-feldspar f-cg,bte + musc 20%.											
		Weakly banded-augen textured sections,foliated at 70 to CA.											
		Gradual increase in grain size,vfg to mg.											
		Sharp lower ct.,NVS.											
		359.0-361.0 Broken core,pink,weak mylonitic textured.											
425.0	427.0	(QTZ-HBL-BTE SCHIST)											
		Banded,20% fg hbl bands,bte bands.											
		Minor garnets,trace pyrite.											
		Arbitrary lower ct..											
427.0	435.0	(QTZ-BTE SCHIST)	425.00	430.00	5.00	5184	37	17	207	0.6	508	3.16	41
		Minor hbl bands,bte 20%,bands.											
		Minor po banding,trace Zns.											
		Weakly developed felsic fragmental texture.											
		Foliated,banded at 70 to CA..											
435.0	443.0	(GRANODIORITE)	430.00	435.10	5.10	5185	19	8	125	TRACE	345	2.11	97
		Similar to previous unit.	435.10	439.80	4.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Cg to pegmatitic in sections.	439.80	443.00	3.20	5186	13	36	135	0.1	423	2.05	64
		Minor py,po,interstitial,traces garnets.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB029

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Weak biotite-gneissic texture near base of unit.											
	443.0 - (E.O.H.)												


L 1700 E
L 1800 E
L 1900 E
L 2000 E
L 2100 E
L 2200 E
50
100
Scale: meters
ZONE B-1
CB 29
CB 30
280 m
175 m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB030
Collar Eastings: 2000.00
Collar Northings: 145.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 326.00 feet

Logged by: P. Barc
Date: Dec. 19-21, 1991
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	5.0	(CASING)											
5.0	10.4	(AMPHIBOLITE-BANDED) Green-white (epidote-plag-qtz-traces py,po) finely banded at 70 to CA..Fg hbl-qtz schist (green),white banded. Minor fg bte bands. Uniform composition,texture.	0.00	10.40	10.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
10.4	17.2	(GRANITE PEGMATITE) Pink,fg,cross fractured with pyrite coatings.Abundant broken core.Cg massive quartz-lower 2/3-barren.	10.40	12.50	2.10	5187	29	6	11	TRACE	64	1.19	9
17.2	38.2	(AMPHIBOLITE-BANDED,GARNETIFEROUS SECTIONS) Similar to previous section.Sharp upper,gradual lower ct. Sim. to prev. section,with addition of f-cg garnetiferous, biotite banding sections. Garnet sections to .8' of up to 40% pink garnets,plus po,py fg ,bands. Total po + py <5%. Increase in po,py towards base of unit.	12.50 26.00 31.00	26.00 31.00 36.00	13.50 5.00 5.00	N.S. 5188 5189	N.S. 71 86	N.S. TRACE 5	N.S. 30 28	N.S. 0.6 0.9	N.S. 262 297	N.S. 3.06 3.72	N.S. 147 323
38.2	40.0	(QTZ-BTE SCHIST) Grey,bte banding 10%,fg diss. po,mm.bands 30%.Fg py 5%. Gradual lower,upper contact.	36.00 38.40	38.40 40.00	2.40 1.60	5190 5191	86 549	3 30	90 2969	0.5 1.4	453 768	3.84 14.94	87 18
40.0	52.7	(QTZ-BTE-PO-PY SCHIST,MASSIVE SULFIDE SECTIONS) Grey banded fg schist,qtz,bte 10%,banding. Po,fg disseminated,minor pyrite.Total sulfides 35%. Massive sulfides in sections 1.' to 3.'as sulfide breccia qtz-po,and as banded-po,py,graphite to 20%, Ins to 1%,traces Cpy,aspy. 46.0-48.5 Muscovite 5%,po 20%. 47.0-52.0 Po 60%,tr. py,Ins traces. 52.0-52.7 Po 20%,Ins 2-3%,fg blebs in po bands.	40.00 43.30 47.00	43.30 47.00 51.00	3.30 3.70 4.00	5192 5193 5194	195 337 217	23 8 12	2753 581 536	0.9 0.9 TRACE	1024 597 702	9.61 12.28 9.28	33 17 51
52.7	79.0	(QTZ-BTE SCHIST) Grey,black,white banded felsic tuff.Fragmental textured sections. F-mg qtz,weak porphyritic textured sections,bte 10-15%, banded.Minor sections of fg qtz-bte-ser?-feldspar fragments	51.00 53.00 57.00	53.00 57.00 60.00	2.00 4.00 3.00	5195 5196 5197	167 27 15	15 19 15	209 98 62	0.2 TRACE 0.3	453 500 344	9.53 3.50 2.40	126 47 23

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB030

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		5% size from mm. to .2'. Generally finely banded at 75 to CA. Gradual decrease in grain size to base of unit.Traces fg pink garnet,pyrite.											
79.0	81.6	(GRANITE PEGMATITE) Pink,mg,cg patches K-feldspar.Top ct. at 40 to CA.,Weakly foliated.											
81.6	131.4	(AMPHIBOLITE BANDED) Similar to previous section. Minor garnet banded section-.5',minor bte bands,decrease in ep-qtz-plag-py,po banding towards base of unit.	60.00	131.40	71.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
131.0	136.0	(QTZ-BTE SCHIST + QTZ-PY-PO-GRAPHITE-ZNS SECTIONS) Grey,qtz-bte 5%,fg schist,minor hbl rich bands,traces py,po 2 sections (.2',.6') qtz-bte,py 60%,minor po,graphite, with traces Zns-finely braided,laminated sulfide schist. Sharp contacts. 133.1-133.3 Qtz-py-graphite-po,traces Zns. 135.1-135.5 Qtz-py-graphite,po,traces Zns.	131.40	136.00	4.60	5198	187	14	1037	1.4	589	6.90	87
136.0	153.2	(AMPHIBOLITE) Speckled fg hbl schist. Green black,massive-weakly foliated at 90 to CA.. Traces py in qtz bands.	136.00	153.20	17.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
153.2	160.0	(GRANITE PEGMATITE) Fg,K-feldspar,green-white with bte bands-assimilated xenoliths.Gradational colour to fg pink foliated at 50-60 to CA. 153.2-156.0 Vuggy,interstitial py 5%-in bte rich section.	153.20 156.00	156.00 160.00	2.80 4.00	5199 N.S.	46 N.S.	23 N.S.	238 N.S.	0.4 N.S.	936 N.S.	6.54 N.S.	19 N.S.
160.0	168.0	(QTZ-BTE SCHIST + QTZ-PY-PO-GRAPHITE-ZNS SECTIONS) Grey,qtz-bte 5-10%,fg,with 5-10% fg sulfides disseminated. Sections to 1.' of py 60% or po 60%,graphitic. Zns to >3% over 1.' section. Banded at 50 to CA.,variable. 160.0-166.0 small scale drag folds top 1.'py 40%,po 25%,zns 166.0-168.0 Po rich-40%,py 20%,graphite,Zns 3%,Cpy 1-2%.	160.00 164.00	164.00 168.00	4.00 4.00	5200 5201	673 409	21 23	2955 2476	0.9 1.1	466 628	8.70 8.90	42 15
168.0	173.5	(AMPHIBOLITE) Green-white banded,qtz,mm bands 20%. Fg hbl-qtz schist,cross banded-qtz,traces pyrite.	168.00	173.50	5.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB030

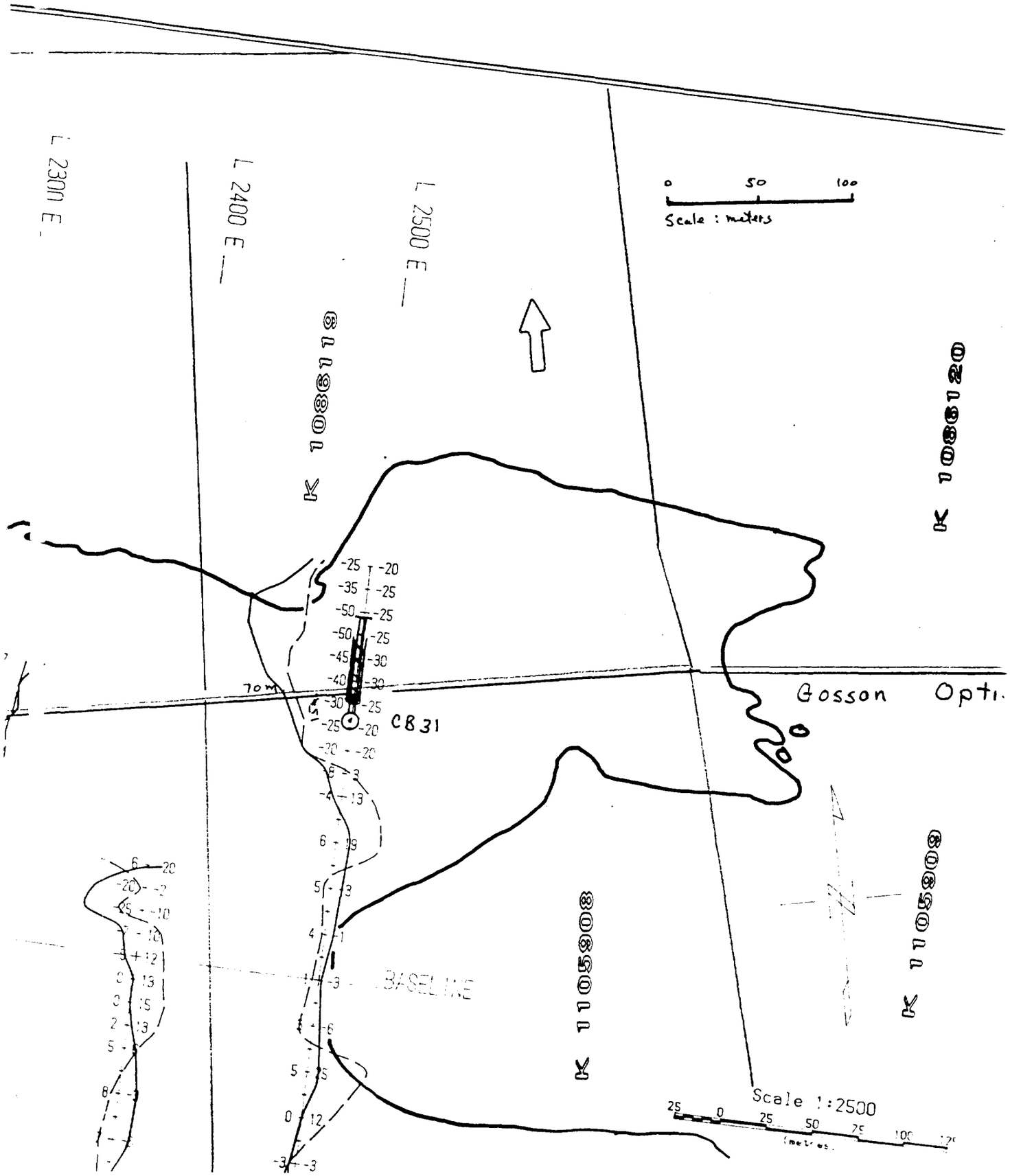
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
173.5	184.2	(QTZ-BTE SCHIST + QTZ-PO-PY-ZNS SECTIONS) Banded,sections;Grey (quartz,bte 5%,minor orange cherty section near top). Sulfide sections-clastic fragmental texture? Po,Zns-garnet quartz banded cobble sized (to .2') clasts. Top B.'. Clasts strained,brecciated texture.Graphitic interbands. Total sulfides Po 20%,py 20%,Zns 2%. 173.5-176.0 Cherty bands,graphite,qtz-bte,minor py. 176.0-178.0 Po 20%,py 5%,Zns 2%-Clasts?Minor graphite. 178.0-180.0 Orange cherty clasts,minor hbl. bands,garnet bands,qtz-bte bands.Po 5%,py 5%. 180.0-184.2 Orange-cherty,clasts? Py 30%,po 10%. 182.0-182.8 Graphite-crumbly broken core. Shear?	173.50 176.00 178.00	176.00 178.00 184.20	2.50 2.00 6.20	5202 5203 5204	187 256 173	20 20 20	1418 1776 1141	1.6 0.5 0.6	735 462 519	7.15 9.69 6.93	89 14 16
184.2	186.4	(GRANITE PEGMATITE) Orange,f-mg K-feldspar.Cg-quartz rich section 1.',py 2%.	184.20	186.40	2.20	5205	37	7	145	0.3	144	1.66	28
186.4	248.8	(QTZ-BTE SCHIST) Felsic tuff-breccia. Grey qtz-bte 5% white-black banded. Minor fg musc. banding near base of unit. Felsic fragments cm. to .2' over sections to 5%,traces py. Weak qtz,Fds? porphyritic textured matrix-narrow sections. 197.5-197.6 Traces fg Aspy. 236.0-248.0 Muscovite 5%.	186.40	189.00	2.60	5206	17	14	86	0.2	376	2.00	6
248.8	260.0	(GRANITE PEGMATITE) White,pink, mg to cg K-feldspar,musc.,bte.. Weakly foliated,banded at 50 to CA.											
260.0	269.0	(QTZ-BTE SCHIST) Similar to previous section. Increased bte content to 10%,mm bands.											
269.0	279.8	(GRANITE PEGMATITE) Similar to previous section. Minor assimilated xenolith,traces py.											
279.8	287.0	(QTZ-HBL-BTE SCHIST) Similar to previous section,10% hbl. banding.											
287.0	289.6	(QTZ-BTE SCHIST) As above,bte content increased to 20%,traces musc..											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB030

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
289.6	294.6	(GRANITE PEGMATITE) Similar to previous section,white.											
294.6	326.0	(QTZ-BTE-MUSC SCHIST) Banded Rhyolite? Grey,white banded,foliated at 80 to CA.. Qtz,feldspar,bte 5-10%,musc 2% schist. Fg,weak qtz phyric texture. Fairly uniform texture,composition. NVS.	189.00	326.00	137.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		326.0 - (E.O.H)											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L 2400 E
L 2500 E
0 50 100
Scale : meters
K 108119
K 108120
K 110508
K 110508
Gosson Opti.
CB 31
BASELINE
Scale 1:2500
25 0 25 50 75 100
metres

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB031
Collar Eastings: 2500.00
Collar Northings: 140.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 256.00 feet

Logged by: P. Bard
Date: Dec. 28-30, 1991
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	32.0	(CASING)
32.0	33.0	(AMPHIBOLITE-BANDED) Green,pale,fg qtz 60%,hbl 30% banded schist.Silicified, Minor bte bands,8%.Minor ep-qtz lenses;2%.Trace pyrite.
33.0	46.2	(QTZ-BTE-PO-PY-ZNS-CPY SCHIST,AMPHIBOLITE SECT.) Generally grey,fg qtz-bte 5-10% finely banded schist, minor hbl bands,traces py,po,zns,cpy. Foliated at 70 to CA. Sections mineralized;Py,po to 25% as fine streaks,blebs to .05'.Minor graphite bands. Fine streaks,blebs Zns,cpy,plus qtz.,in po,py,esp.36.8. Zns total 2-3%,Cpy 2%. Sulfide greatest abundancy (>50%) in contorted-drag folded section 42.5-46.0'-near lower ct. with granitic unit. Minor section silicified amphibolite; Pale green f-mg qtz-hbl-bte-talcose mineral,banded. Minor py-po-ep-qtz clasts? esp. near margins. Gradational contacts between sections. 32.8-36.0 Qtz-bte schist,py,po to 20%,tr.Cpy-mm x-band. 36.0-37.2 Qtz-bte-po-py,Zns-cpy 3%,cpy-qtz frac. coating. 37.2-41.8 Pale green;Amphibolite interband,tr.Zns,cpy. 41.8-46.2 Contorted,drag folded,py,po 50%,graphite,Zns,cpy.
46.2	74.4	(GRANITE PEGMATITE) Mylonitic textured;Pink,f-cg K-feldspar,qtz rounded, strained grains,in a fg muscovite matrix.Foliated,wkly banded at 70 to CA.. Minor fg pink garnets. Minor interstitial py.
74.4	76.7	(AMPHIBOLITE-BANDED) Silicified;Generally green-white qtz 60%,hbl 30%,ep 5%, bte 5% banded.Minor fg garnet bands. 5% patches plag-ep mm to cm bands. Gradational lower ct..
76.7	82.5	(QTZ-BTE-GRAPHITE-PO-PY-ZNS-CPY SCHIST) Inhomogenous unit.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	32.80	32.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
32.80	35.00	2.20	5207	87	9	435	0.5	393	3.54	23
35.00	37.50	2.50	5208	269	26	1589	0.9	632	6.03	35
37.50	41.80	4.30	5209	50	10	547	0.3	339	4.07	49
41.80	46.20	4.40	5210	254	48	2686	0.7	483	7.89	31
46.20	48.20	2.00	5211	12	25	54	0.3	172	1.39	14
48.20	73.60	25.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
73.60	76.70	3.10	5212	81	15	780	0.4	535	5.01	80
76.70	79.80	3.10	5213	259	11	4235	0.8	835	12.47	39

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB031

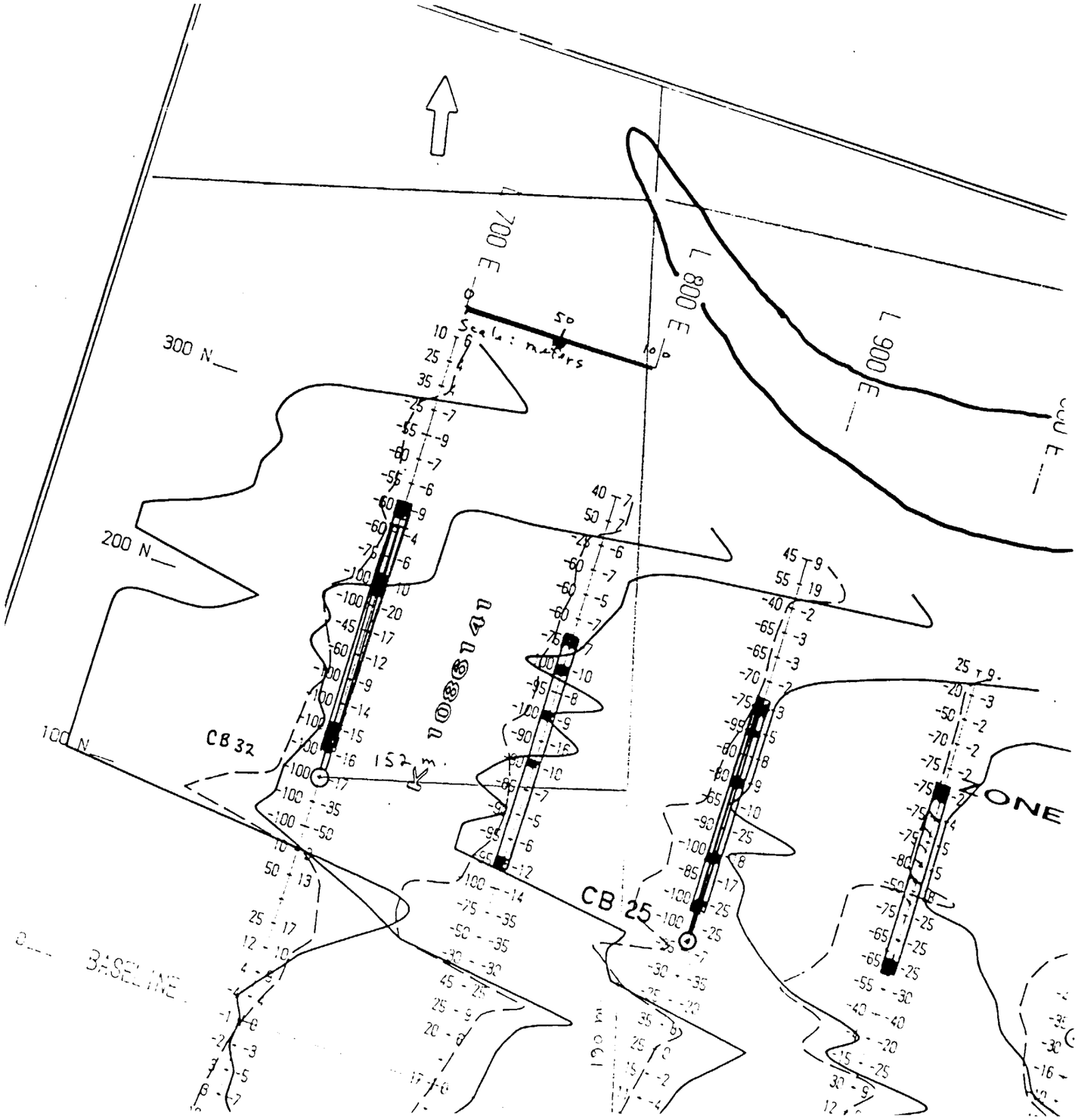
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Generally fg grey-brown banded fg qtz 70%,bte 5%,graph.5%. Py,po mm bands 20%.Minor ep-plag-qtz relict frags? to cm. Sections of greatest sulfide % appear as cementing wkly brecciated qtz-bte schist,cntd. foliation sections,sulfide concentrated along noses of .5' drag folds. Zns 4%; fg blebs within po,less within py stringers. Traces Cpy,coating along x-fracture at 80.7'. 76.7-79.0 Py>po,Zns 4%. 78.2-78.6 Py 60%-qtz-bte-Zns 2%. 78.8-78.9 .1' vien qtz 50%,po,py 40%,Zns 10%. 79.0-82.5 Po>py,Zns 2-3%,traces Cpy.											
82.5	85.2	(AMPHIBOLITE-BANDED) Silicified? Qtz 50%,hbl 40%,bte 8%,ep 2%. Po+py>5%. Similar to 74.4-76.7'. Banded,foliated at 70 to CA..	79.80	83.00	3.20	5214	379	14	848	0.5	366	9.75	32
85.2	87.0	(QTZ-PO-HBL-PY-ZNS SCHIST) Qtz 45%,po 40%,hbl 8%,py 5%,zns 2%. Grey,sulfide banded,po to 60% over sections. Hbl as fg mm bands,bte. Po as irregular stringers cementing brecciated qtz rich schist,contorted foliation over .3' sections. Zns 1-2% as fg blebs in po stringers.Cpy traces along x-fractures in orange cherty cm. clasts. Gradational lower ct..	83.00	85.50	2.50	5215	97	9	324	0.4	317	4.80	45
87.0	169.4	(AMPHIBOLITE-WEAKLY BANDED) Uniform,fg green-black-white qtz banded,bte 5%-mm bands. Traces py,po mm bands. Generally f-mg hbl 70%,qtz 20% bte 5%.Minor patches ep-hbl qtz.Minor qtz bands near base of unit. Gradational lower ct.,last hbl band. 87.0-94.0 Qtz banding 30%,py,po bands. 115.5-116.5 Gran.Pegmatite 157.0-158.0 Wkly silicified,py banding. 157.0-169.4 wk sil'd,bte bands 15%.3-.2' qtz-po-py viens.	85.50 88.00 91.00 165.00	88.00 91.00 165.00 169.40	2.50 3.00 74.00 4.40	5216 5217 N.S. 5218	313 119 N.S. 67	16 6 N.S. 13	1222 358 N.S. 205	1.0 0.9 N.S. 0.2	350 356 N.S. 315	8.75 5.12 N.S. 4.59	56 55 N.S. 45
169.4	192.0	(QTZ-BTE-GRAPHITE-PY-PO SCHIST) Cherty sections,well mineralized sections. Inhomogenous;sections Grey,fg qtz-bte-graphite-py-po finely banded,total sulfides 5%,traces Zns. Narrow section mineralized;2.' Qtz-graph.-py 50%. minor po,Zns 1-2%. Weak contorted fabric.	169.40 174.20 176.50 179.40 183.50	174.20 176.50 179.40 183.50 188.50	4.80 2.30 2.90 4.10 5.00	5219 5220 5221 5222 5223	184 245 294 128 134	23 67 48 31 37	917 1317 2139 723 791	0.2 1.3 1.0 0.9 0.9	596 498 350 487 454	5.65 5.61 5.71 5.22 5.94	62 61 44 64 38

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB031

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
									ASSAYS				
		Sulfides as fine stringers,to .5 cm.,blebs.											
		3% irreg. dist'd py-ep-hbl-plag cm patches-fragment relicts											
		Narrow section massive graphite .3'.											
		175.1-176.0 Qtz-graph-py 30%,po 10%,tr. Zns.											
		176.5-178.1 Qtz-py 45% po 20%,graph.,Zns 2%.											
		178.1-179.5 Massive graph.,late shear?											
		179.8-192.0 Cherty,grey qtz,orange cm bands,py,po20%.											
		Traces Zns.											
192.0	212.0	(QTZ-BTE SCHIST)											
		Felsic tuff-fragmental sections.											
		Grey,white speckled mg qtz-plag speckled phyric in sections											
		Disseminated bte 5%-10%,Felsic fragmental texture well											
		developed in sections esp. to 194.0'.											
		Generally qtz-bte schist,with 5-10% clasts f-mg qtz,fds,											
		generally slight coarser g.s. than matrix.											
		Gradational lower ct.											
212.0	249.8	(QTZ-BTE SCHIST)											
		Felsic tuff-Rhyolite?											
		Grey,fg uniform texture.Qtz-bte schist.											
		Muscovite near lower margin.											
		3-.2' to .6' white granite pegmatites.											
249.8	256.0	(DIORITE)											
		White-grey-black speckled.											
		Qtz-plag-bte-musc mg..											
		Weakly foliated at 70 to CA..											
		Weak mylonitic texture.											
		NVS.											
	256.0 - (E.O.H.)												


300 N
200 N
100 N
BASELINE
700 E
800 E
900 E
Scale: meters
50
CB 32
CB 25
152 m.
ZONE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB032
Collar Eastings: 700.00
Collar Northings: 125.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 596.00 feet

Logged by: P. Barc
Date: Jan. 7-8, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
0.0	10.0	(CASING)											
10.0	49.7	(AMPHIBOLITE-BANDED) Green-white-brown finely banded.Hbl 60%,qtz 20%,bte 10%, ep + plag 10%.Banding at 70 to CA.. Bands consist of mm bte bands,mm to cm. ep-plag-qtz bands,lenses,qtz bands. Traces py,minor mm. bands. General increase in qtz,bte content to base of unit. 34.5-38.0 Speckled hbl,uniform-Gabbro? 48.0-49.7 Sil'd,qtz 40%,py 15%.	0.00	47.90	47.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
49.7	65.0	(CHERT-PO-GRAPHITE-BTE SCHIST + SIL'D AMPH. SECTS.) Silicified amphibolite section;minor,5.',Pale green-black, fg hbl-qtz-bte,minor ep-plag-qtz bands,with 15% py,po fg bands. Interbanded with chert-po-graphite-bte-py schist,Po to 60% of sections,over 1-2'. Po mineralization consists of fg diss,bands,minor Sulfide breccia .1' section,and as massive stringers cementing wkly brecciated cht-bte-graph schist,often cnt'd fol'n in sections. Py to 5%. Ins occurs as fg blebs,minor mm bands within po sections, to 1-2% over 2'. Traces Cpy mg xls. 49.7-54.5 Silicified amphib.,wkly min'd. 54.5-56.5 Chert,po. 56.5-58.0 Sil'd amphib. 58.0-62.0 Chert,po. 62.0-63.5 Sil'd amphib. 63.5-64.7 Chert,po.	47.90 51.50 55.50 59.50	51.50 55.50 59.50 64.50	3.60 4.00 4.00 5.00	5224 5225 5226 5227	187 313 256 248	13 103 65 35	791 3250 2745 2399	0.5 2.6 1.7 0.4	552 671 534 463	7.23 8.48 10.93 9.55	47 55 72 10
65.0	76.3	(AMPHIBOLITE-BANDED) Similar to top unit. Foliated at 60 to CA.,traces pyrite.	64.50 68.00	68.00 76.30	3.50 8.30	5228 N.S.	123 N.S.	5 N.S.	115 N.S.	0.1 N.S.	450 N.S.	4.55 N.S.	22 N.S.
76.3	78.7	(PO-PY-CHERT-BTE-GRAPHITE SCHIST) Po 65%,py 15%,chert 15%,bte + graphite 4%,Ins 1%. Grey,contorted banding,cht-bte-graph schist,wkly brecc'd sections,cemented by po-py mtx.,Sulfide also as fine bands in cherty schist.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB032

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Traces Cpy on fine x-fractures.Trace Aspy.											
78.7	90.6	(AMPHIBOLITE-SILICIFIED)	76.30	79.40	3.10	5229	672	17	2414	1.5	491	15.43	44
		Similar to 49.7-65.0 sections.	79.40	82.00	2.60	5230	45	TRACE	101	0.1	498	4.87	27
		Foliated 30-40 to CA.,change to 70 to CA to 90.6.	82.00	87.00	5.00	5231	173	4	1012	0.3	582	6.66	163
		Minor py,py 15-20% in cherty sections.	87.00	90.60	3.60	5232	154	4	4807	0.5	389	4.86	70
		82.3-85.4 Silicious,qtz-bte-py 15%,minor hbl bands.											
		89.8-90.6 Qtz-py-bte-graphite schist,py 40%,po,Zns 3%.											
		cm band Zns 60%-py 20%-qtz 10%.											
90.6	103.0	(AMPHIBOLITE-BANDED)	90.60	93.00	2.40	5233	72	TRACE	255	0.2	253	3.07	64
		Grey-black banded;hbl 70%-qtz 20%-bte 10%,mm banded.	93.00	103.00	10.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Minor ep-qtz-plag bands.											
		Minor py bands,poin wkly sil'd amphib.near top 2.'											
103.0	109.5	(CHERT-PO SCHIST)	103.00	107.00	4.00	5234	500	57	7505	1.1	607	10.94	7
		Cherty,vfg grey,minor bte banded sections,po to 60%,po as biebs,mm bands,irregular stringers cementing brecciated chert.											
		Sections finely banded 70 to CA,sections highly contorted, coincidental with greatest po concentrations.											
		Traces fg pyrite.											
		Zns 2-3%,as fg biebs in po,greatest in cnt'd sections.											
		Traces Cpy.,mm band.											
		No Graphite.											
		Sharp lower contact at 30 to CA..											
109.5	120.5	(GABBRO DIKE)	107.00	110.00	3.00	5235	629	19	3198	0.9	818	9.17	17
		Green-black-white speckled,weak fol'd,banded at 70 to CA..											
		Mg,uniform,gradational from vfg top to mg 114.'.											
		Trace pyrite in cm qtz x-band.											
120.5	142.5	(AMPHIBOLITE-BANDED)	110.00	131.50	21.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Inhomogenous schist.Fg speckled,banded bte,qtz.Black,hbl-	131.50	135.50	4.00	5236	90	TRACE	112	0.1	155	2.46	10
		qtz-bte 20% schist top,gradational to fg,bte 5% schist.	135.50	140.50	5.00	5237	78	9	39	0.4	228	3.28	23
		Occasional cm lenses qtz-py-bte,hbl,lower 1/4 of unit.											
		Increase in qtz banding to base of unit.											
		Gradational lower ct..											
142.5	149.5	(AMPHIBOLITE-SILICIFIED)	140.50	145.00	4.50	5238	49	8	20	0.2	133	1.94	21
		Similar to previous units.											
		Weak to moderately silicified.											
		Minor py bands near lower margin.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB032

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
149.5	181.2	(CHERT-PY-GRAPHITE + QTZ-BTE SCHIST SECTIONS)	145.00	150.00	5.00	5239	85	19	269	0.2	594	5.62	40
		Inhomogenous unit.	150.00	155.00	5.00	5240	178	35	1189	1.1	575	6.01	60
		Sections : 80% of unit. Grey to Orange vfg cherty,baked	155.00	160.00	5.00	5241	189	28	1009	1.0	742	6.99	54
		appearance,in sections finely brecciated,cnt'd fol'n,	160.00	165.00	5.00	5242	224	39	1244	1.3	514	7.95	38
		cemented by py mm stringers.Py 1-2' sections 70%.	165.00	170.00	5.00	5243	154	32	979	1.0	644	5.64	43
		Total pyrite 30% of unit.	170.00	174.00	4.00	5244	231	35	2072	1.3	727	9.63	35
		Py bands include rarely include fg blebs Zns.	174.00	178.00	4.00	5245	143	29	1577	0.9	734	6.01	70
		Po 5%,as mm bands in chert.											
		Graphite 2-5%.											
		Bte irreg.dist'd,minor.											
		Sections : 20% of unit. Grey,wk banded to wkly fol'd at											
		70 to CA.,Felsic tuff possible. Po,minor py bands.Bte 7%.											
		Occasional f-mg xls,occ.bands white xls;Cordierite?											
		Sharp contacts between sections.											
		149.5-160.0 Cherty.											
		160.0-160.5 Qtz-bte,white mineral.											
		160.5-166.0 Cherty,py,graphite,Q-bte bands.											
		166.0-171.0 Qtz-bte,cord?											
		171.0-176.0 Cherty,graph,py,1.'sect. Py mass.sulfide.											
		176.0-179.5 Qtz-bte-cord.											
		179.5-181.2 Chert,py,graph.Ct margin Granite Pegmatite.											
181.2	183.2	(GRANITE PEGMATITE)	178.00	181.40	3.40	5246	198	20	3440	0.7	662	8.33	7
		Pink,grey,cg,musc,bte.											
		Foliated at 70 to CA..											
		Traces pyrite along contacts.											
183.2	186.5	(QTZ-BTE SCHIST,CHERT-PO SECTIONS)	181.40	184.60	3.20	5247	74	25	595	0.5	313	2.66	18
		Similar to previous section.	184.60	186.50	1.90	5248	203	23	3202	1.3	476	10.16	101
		Qtz-bte grey banded schist,70% of unit.											
		Chert-po 50% braided schist lower 2.'.											
		Zns 1-2%,fg blebs in po stringers.Minor pyrite.											
		Traces graphite,bte? in chert.											
		Sharp lower contact.											
		183.2-184.8 Minor po stringers,tr.Zns.											
		184.8-186.5 Po 40-50%,Ins 1-2% braided schist.											
186.5	213.4	(QTZ-BTE SCHIST)	186.50	189.00	2.50	5249	36	25	176	0.2	586	3.12	84
		Felsic tuff-possibly fragmental.											
		Grey,fg qtz,bte 5%.											
		Felsic fragments 10% f-mg qtz-bte-musc wk poikolitic											
		textured,mm to .2' felsic heterolithic,slight coarser than											
		matrix.Uniform texture,composition.											
		Foliated at 60 to CA..											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB032

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
213.4	379.0	(QTZ-BTE-MUSC SCHIST) Red stained,possible banded Rhyolite. Musc,bte banding in matrix.Muscovite to 10%. 213.4-250.0 Red-hematite pervasively stained,fine cross fracturing.Appearance of musc in mtx + fragments. Decreased hem.staining to base of section. Minor hbl banding-3' of unit. Traces fg pink garnets. Minor narrow Gran.Pegs,esp.near lower sections. 251.0-252.2 Graphite;massive .4' section,within chert-py 30% schist section.Sharp contacts. 280.7-281.6 Granite pegmatite.Traces fg Po along cts.. 281.6-312.0 Musc 5%,bte 10%. 312.0-324.0 Musc 20%,f-mg. 324.3-324.8 Granite Pegmatite 328.0-329.2 Granite Pegmatite 334.0-351.0 Minor Granite Pegmatite.	189.00	379.00	190.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
379.0	386.0	(PO-MASSIVE SULFIDE + QTZ-BTE-MUSC SECTIONS) Grey-qtz-musc 20%-bte banded schist section with 2-1.' sections po 65%,qtz 35% Sulfide breccia sections,tr.py. with fg qtz clasts,angular to subrounded. Massive sulfide sections gradational to banded qtz-po-bte-musc schist. Po + py 10-15%. Banding at 80 to CA..	379.00 382.00	382.00 386.00	3.00 4.00	5250 5251	49 65	23 7	136 237	0.9 0.5	503 493	16.24 14.68	51 TRACE
386.0	397.0	(QTZ-BTE-MUSC SCHIST) Banded rhyolite. Similar to previous.	386.00	388.40	2.40	5252	13	8	136	0.2	235	1.94	81
397.0	477.3	(QTZ-BTE SCHIST) Similar to previous section. Possible felsic fragmental. Wk porphyritic fds,qtz sections,f-mg,in matrix. Gradational upper ct.,1.',absence of muscovite. Traces pyrite. 436.0-440.0 Musc. 5-10%,cg bte,10-20%,Granitized?											
477.3	485.0	(GRANITE PEGMATITE) Pink,cg,non foliated.10% qtz-bte schist xenolith mat'l. Sections highly fractured. Crosscut top ct.,30 to CA..											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB032

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
						ASSAYS							
485.0	596.0	(QTZ-BTE SCHIST)	388.40	552.60	164.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to top portion of previous unit.	552.60	556.00	3.40	5254	64	7	124	0.2	398	5.12	9
		Traces fg pink garnet bands.	556.00	567.60	11.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		567.6-574.0 Conductor;Po bands 3%,mm,minor graphite bands.	567.60	570.00	2.40	5255	67	6	129	0.3	406	4.98	9
		567.6-569.5 Po bands 5-10%,hbl bands 5%.	570.00	574.00	4.00	5256	207	8	150	0.5	490	9.28	11
		569.5-574.0 Minor fg garnet bands,po bands	574.00	596.00	22.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		591.0-592.0 Granite Peg.											

596.0 - (E.O.H.)

L 100 E
L 200 E
L 300 E
L 350 E
L 400 E
L 450 E
L 500 E
L 550 E
L 600 E
K 108832
K 108840
K 108841
250 m
CB 33
0
50
100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB033
Collar Eastings: 400.00
Collar Northings: 90.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 296.00 feet

Logged by: P. Barc
Date: Jan. 9, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
							ASSAYS							
0.0	7.0	(CASING)												
7.0	38.4	(AMPHIBOLITE-BANDED) Green-white-brown fg hbl 50%,qtz 20%,plag 10%,ep 10%, bte 10%,mm banded schist. Finely banded ep-plag-qtz 60% bands,10% bte bands. Minor irregularily spaced fg garnet cm. bands. Well foliated,banded at 70 to CA.. Traces pyrite.Uniform unit,inc. bte base of unit.												
38.4	64.7	(GRANITE PEGMATITE) Pink,K-feldspar,white-plag.Fg,minor peg..2.5' assimilated xenolith,bte rich. Weakly foliated at 60 to CA..												
64.7	100.2	(AMPHIBOLITE-BANDED) Similar to previous unit. Slight change in fol'n to 60 to CA.,occ. cm band bluish qtz Occ. mg hbl patches,+fg po.												
100.2	115.4	(GRANITE PEGMATITE) White-black speckled,bte. Foliated,weakly banded at 60 to CA..												
115.4	131.7	(AMPHIBOLITE-BANDED) Similar to previous section. Decreased bte,ep-plag banding.Sharp lower ct., Mm. to cm ep-plag-garnet fragments? 10% near lower margin.	0.00	131.70	131.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
131.7	186.0	(QTZ-BTE,CHERT-PO-GRAPH-ZNS,B.AMPH. SECTIONS) Mineralized zone. Felsic tuff + chert-po-graphite chemical sed.+mafic to intermediate tuffaceous sections. Sections <1.' to 10.' 1) Felsic tuff;grey,fg qtz-plag-bte,minor cherty bands, finely banded schist.Minor sulfides. 80% of unit. 2) Mafic tuff;hbl 50%,qtz-plag-ep-bte,5% fg garnet bands. 30% qtz banding. Traces py,po. Green-white-black colour. 3) Narrow (1' to 2' mineralized sections; Fg grey,minor orange cherty,graphite,bte,po,py,Zns 2-5%,	131.70 136.00 141.50 145.50 149.60 152.30 156.70 159.30 164.00 168.00 170.00	136.00 141.50 145.50 149.60 152.30 156.70 159.30 164.00 168.00 170.00 173.00	4.30 5.50 4.00 4.10 2.70 4.40 2.60 4.70 4.00 2.00 3.00	5257 5258 5259 5260 5261 5262 5263 5264 5265 5266 5267	109 331 103 396 283 60 769 266 502 107 228	18 45 12 59 67 11 91 49 39 17 29	766 3357 190 3657 3451 369 4140 1725 2501 830 1988	TRACE 0.5 TRACE 0.5 0.4 TRACE 1.0 0.5 0.2 0.3 0.4	529 709 221 500 543 193 471 436 550 648 477	4.72 10.38 3.61 11.13 9.51 2.53 9.51 6.88 7.42 4.69 9.03	27 42 197 30 40 60 26 19 33 36 32	N.S. N.S. N.S. N.S. N.S. N.S. N.S. N.S. N.S. N.S. N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB033

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
									ASSAYS					
		traces Cpy. finely banded schist.	173.00	175.50	2.50	5268	127	20	1115	TRACE	372	5.70	56	N.S.
		Abundant fg to pebble sized cherty,zoned accretionary	175.50	178.00	2.50	5269	271	31	2721	0.1	639	7.46	36	N.S.
		textured clasts,occ. qtz-bte felsic tuff rounded clasts.	178.00	180.00	2.00	5270	348	67	3325	0.8	620	7.81	61	N.S.
		Sections weakly brecciated texture;finely brecciated	180.00	182.40	2.40	5271	478	65	3180	1.1	436	9.26	30	N.S.
		qtz-graphite cemented by po,py.Po to 70% of sections 1.'.	182.40	186.00	3.60	5272	182	29	1097	1.1	696	8.44	37	N.S.
		Total sulfides po 20%,py 5%,Zns 2%,tr. Cpy.												
		Minor sections finely laminated po-graph-chert,Zns.												
		Graphite to 30% over 1.' sections.												
		Zns occurs as fg mm to cm blebs in po bands,stringers.												
		Occ. fine orange x-banding-hematite? stained.												
		Increased qtz content in mafic sections to base of unit.												
		Increased thickness of mineralized sections to base.												
		131.7-134.0 Felsic tuff,white xls-Cordierite?												
		134.0-135.5 Mafic tuff												
		135.5-141.5 Felsic tuff,mafic bands,2-.2'chert-po-graph.												
		138.5-141.5 Felsic tuff pebbles,po 50%-chert lam.,Zns 3%.												
		141.5-145.5 Mafic-int. tuff												
		145.5-150.6 Felsic tuff,40% chert-po-graph-bte,po 70%,py 5%												
		Accretionary textured clasts. Zns 2%.												
		150.6-156.7 Int. tuff,.8'cht-gr-po 20% py 5%,Zns 2-3%.												
		156.7-158.8 Cht-gr-po-Zns 3%,Finely brecc'd,cherty clasts.												
		158.8-174.0 80% chert-bte,10% cht-gr-bte po 60%,Zns.												
		10% felsic pebbles-near top.												
		174.0-175.8 Mafic-int tuff												
		175.8-186.0 85% cht-bte,Felsic tuff,15% po-py-gr-Zns sects.												
		Accretionary textures.												
186.0	207.4	(AMPHIBOLITE-BANDED)	186.00	188.00	2.00	5273	73	14	276	0.6	392	4.36	94	N.S.
		Similar to first section.	188.00	204.50	16.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Slight speckled-hbl-Gabbroic texture.10% qtz banding,dec.												
		to 2% over 20.'.Occasional mm py bands.												
		2-.5' Granite pegs.,cg pink.												
		205.0-205.7 Chert-bte,fg po 10%,py..												
207.4	211.0	(GRANITE PEGMATITE)	204.50	207.60	3.10	5274	104	16	368	0.7	391	5.72	192	N.S.
		Cg,5% vfg interstitial py..												
211.0	219.8	(AMPHIBOLITE-BANDED)	207.60	212.40	4.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous.Gradational lower ct.,	212.40	215.50	3.10	5275	255	13	1029	0.5	310	4.80	28	N.S.
		minor chert-bte interband.	215.50	219.80	4.30	5276	95	2	67	TRACE	229	4.36	76	N.S.
		212.4-214.5 cht-po 30%-py 5%-gr-bte laminated,tr. Zns.												
219.8	223.4	(QTZ-BTE,BANDED CHERT)	219.80	223.30	3.50	5277	82	11	114	0.7	242	3.19	39	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB033

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
									ASSAYS					
		fg felsic tuff + chert-bte sections.												
		Grey-white-black banded,ca late pyrite band,hematite-red stained margins.												
		Gradational lower ct.,increased bte,hbl banding.												
223.4	232.0	(GABBRO DIKE)	223.30	232.00	8.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Green-black,fg weak foliated hbl-qtz-plag.,Uniform text.,												
		qtz-mm x-bands near lower ct. Weak speckled texture.												
		Traces py,mm bands.												
232.0	253.2	(QTZ-BTE + BANDED CHERT)	232.00	236.00	4.00	5278	109	16	439	0.2	383	4.26	67	N.S.
		Felsic tuff + chert-bte.Grey,occ. orange bands.	236.00	240.00	4.00	5279	246	30	1979	0.5	499	4.72	85	N.S.
		Minor graphite in chert,dec. to base of unit.	240.00	244.70	4.70	5280	185	33	1053	0.6	414	5.41	22	N.S.
		Slight inc. g.s.across section,inc. felsic tuff bands.	244.70	247.50	2.80	5281	132	15	855	0.6	458	4.28	36	N.S.
		Hbl,bte banding near top 1.'.Occ. pale green bands-	247.50	250.00	2.50	5282	88	12	616	0.3	594	4.00	44	N.S.
		hbl-ep-plag clasts? or alteration.	250.00	253.20	3.20	5283	220	24	1865	0.6	628	4.61	56	N.S.
		20% irreg.dist'd py-po rich sections,graphitic,occ.												
		cherty clasts.Minor red-hematite stain along fractures.												
		Sulfides;py 10%,po 5%,traces Zns in po rich sections.												
		Sulfides as fg blebs,occ. mm bands.												
		Po to 30% of sections,Zns to 1-2%.												
		Mm.Zns band-base of unit.												
		237.2-237.6 fg Graphite 40%.												
		250.7-250.9 Qtz pebbles,py matrix,felsic clasts,red stain.												
253.2	257.7	(GRANITE PEGMATITE)												
		Pink,cg to peg.,wk mylonitic texture,tr. py..												
257.7	287.6	(BANDED CHERT,PO,GRAPHITE)	253.20	257.80	4.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Grey-orange chert,minor bte.Orange stained x-fractures.	257.80	260.40	2.60	5284	133	29	930	0.4	384	3.93	17	TRACE
		Disseminated fg py,po,narrow sections po-py-graphite.	260.40	263.00	2.60	5285	307	30	2761	0.3	369	6.56	16	TRACE
		Sections finely laminated,brecciated cht-po-py-graphite,	263.00	266.00	3.00	5286	514	47	3049	0.6	519	8.50	22	7
		with fg to pebble sized cherty-accretionary textured	266.00	269.00	3.00	5287	262	43	2782	0.4	494	8.33	11	TRACE
		clasts.	269.00	271.80	2.80	5288	264	17	637	0.6	615	5.81	74	TRACE
		Po to 40% of sections,Zns 1-2%,fg blebs,occ. mm bands.	271.80	274.00	2.20	5289	252	14	2440	0.4	590	9.05	38	9
		2-.3' sections mass. graphite.	274.00	275.60	1.60	5290	239	13	929	0.1	514	6.19	28	TRACE
		Traces Cpy.	275.60	278.00	2.40	5291	423	54	4198	0.2	589	9.30	24	NIL
		.8' section green-pegmatitic K-feldspar,brecciated.	278.00	280.00	2.00	5292	269	57	3616	0.5	454	8.33	173	TRACE
		262.5-281.0 Po-chert-bte-graphite,mass gr sections,accret.	280.00	283.00	3.00	5293	438	32	1708	0.6	507	7.42	13	7
		textures,contorted,brecciated,finely lamin-	283.00	286.00	3.00	5294	505	40	2987	0.8	373	9.89	49	TRACE
		ated sections,Zns 2-3%.	286.00	287.60	1.60	5295	176	56	1930	0.5	522	6.42	58	TRACE
		281.0-287.6 Similar to above,with py>>po.Py 40%,Minor Zns,												
		last graphite band,hematite? stained x-bands.												

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB033

FROM	TO	LITHOLOGICAL DESCRIPTION
287.6	296.0	(RHYOLITE)
		Pink,red,white banded.
		Chill margin,sharp ct.,based on absence of py,po bands.
		Broken core,highly fractured top 10.'.
		Aphanitic to fg increase in grain size.
		Qtz-K-feldspar-bte-musc-ser.
		Weak foliation,banding at 60 to CA..
	296.0 - (E.O.H.)	

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
287.60	291.00	3.40	5296	22	13	185	TRACE	382	1.89	38	TRACE
291.00	296.00	5.00	5297	13	13	45	0.4	254	1.40	16	TRACE

0 50 100
Scale : meters
CB 36
CB 35
CB 34
135m.
45m
ZONE A

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB034
Collar Eastings: 900.00
Collar Northings: 112.00
Collar Elevation: 0.00
Grid: Grid A

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 246.00 feet

Logged by: P. Barc
Date: Jan. 10, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	64.0	(CASING)
64.0	76.9	(AMPHIBOLITE-BANDED) Green-black fg hbl-qtz-ep-plag schist,ep-plag-qtz mm to .1' lenses,30%. Finely banded,foliated at 60 to CA. Traces fg garnets,pyrite.
76.9	84.2	(QTZ-BTE SCHIST-WKLY MIN'D) Felsic tuff-possibly fragmental. Grey-black-orange banded;mm to cm scale.Qtz-fds-bte 5%, 5-10% mm to cm patches slight mg q-f-bte;fragments? Irreg.dist'd wk-pervasive orange-hematite?stain. Occ. fg garnet bands. Conductor;Pyrite banding along margins;20%/1.'lower margin, plus graphite bands.Py 25%,plus 40% graphite along top 2.'. 78.2' Trace aspy in cm. mg lense-fragment.
84.2	100.5	(AMPHIBOLITE-BANDED,WKLY SIL'D) Similar to previous unit. Decreased ep-plag-qtz bands-5-10%. Silicified;qtz 40%-pale green coloured schist 2.' nearest up/lower contacts. 95.5-96.5 Felsic tuff interband? Py 10%,graphite mm bands.
100.5	113.2	(CHERT-BANDED) Grey,black,pale green banded. Generally greyish chert with 20% graphite-mm to cm bands esp near ct. margins,plus pyrite 10-20%. Minor po. 100.5-103.0 Py 20%,graphite,finely contorted bedding, greenish-epidote bands. 110.0 Trace Zns-mm band. 110.5-113.2 Py 20%,graph 20%,po.
113.2	115.3	(AMPHIBOLITE-BANDED) As above.
115.3	116.0	(GRANITE PEGMATITE) Pink,green,mg,black bands-bte.Traces pyrite.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	76.90	76.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
76.90	79.00	2.10	5424	200	40	1044	1.2	210	6.65	12
79.00	81.60	2.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
81.60	84.20	2.60	5425	276	32	1771	0.3	319	7.03	111
84.20	95.00	10.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
95.00	96.90	1.90	5426	121	4	616	TRACE	336	4.33	17
96.90	100.50	3.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
100.50	103.00	2.50	5427	414	3	1464	0.7	405	8.25	4
103.00	107.00	4.00	5428	244	6	416	0.1	457	8.59	23
107.00	110.00	3.00	5429	221	9	1102	TRACE	546	6.55	5
110.00	113.20	3.20	5430	382	10	667	1.5	481	7.48	135

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB034

FROM	TO	LITHOLOGICAL DESCRIPTION
116.0	130.6	(AMPHIBOLITE-WKLY BANDED) Gabbro?Fg green-black,10-20% qtz mm bands,x-bands. Occ.ep-plag irregular bands. Uniform texture,composition.Traces pyrite. 121.0-121.5 Granite peg.-x-cut cts.Weak mylonitic fabric.
130.6	138.6	(GRANITE PEGMATITE) Pink,mg,wk mylonitic fabric,fol'd at 50 to CA.. 133.0-133.5 Mafic xenolith. 135.4-137.6 Felsic-bte banded xenolith.
138.6	146.0	(RHYOLITE) Grey-black,fg qtz-fds-bte,musc 5-10%.Mg feldspar p.blasts near top margin;Graphite interbands top 10.',py 15%,po 8%. Inhomogenous unit,Rhyolite + f-mg rhyolitic fragments. Minor gran. peg.,3.'near top ct. Lower ct. based on appearance of felsic fragmental text.. 142.0-143.0 Graph 20%,py 25%,Traces Zns. 143.0-146.0 Weak fds phyric,musc,minor po,py.
146.0	214.0	(QTZ-BTE SCHIST) Felsic tuff-fragmental. Grey,vfg,grad'l to f-mg over 8.' Felsic fragments-similar comp'n,grain size as mtx.,10-20% well recognized,oval,to pebble sized,with occ. grey-beige f-mg bte speckled fragments. Traces py,po near lower margin. Traces graph near top ct.Traces fg garnet in unit. Minor granite peg.,3-(1.' to 2.'. 146.0-149.0 Last graph bands,(10%,py 5%,po 10%,148.0'; Oval cm lense-mg plag-qtz-bte-first fragment. Traces aspy in qtz-clast at 149.0. 190.0-198.0 Occ. whitish fds-poik.blasts bands. 207.0-214.0 Fg musc 5%.
214.0	234.2	(QTZ-BTE-MUSC-PLAG PHYRIC) Felsic tuff. Finely fractured,vfg schist-chill margin? at 214.0'. Sections musc 10%-esp near gran pegs. Grey speckled,white,grey banded,bte 10%.,fds phyric f-mg sections. 214.3-217.4 Granite pegmatite,wk fol'd,py along lower margin,qtz viened. 30% assimilated felsic xenoliths to .5'.

ASSAYS

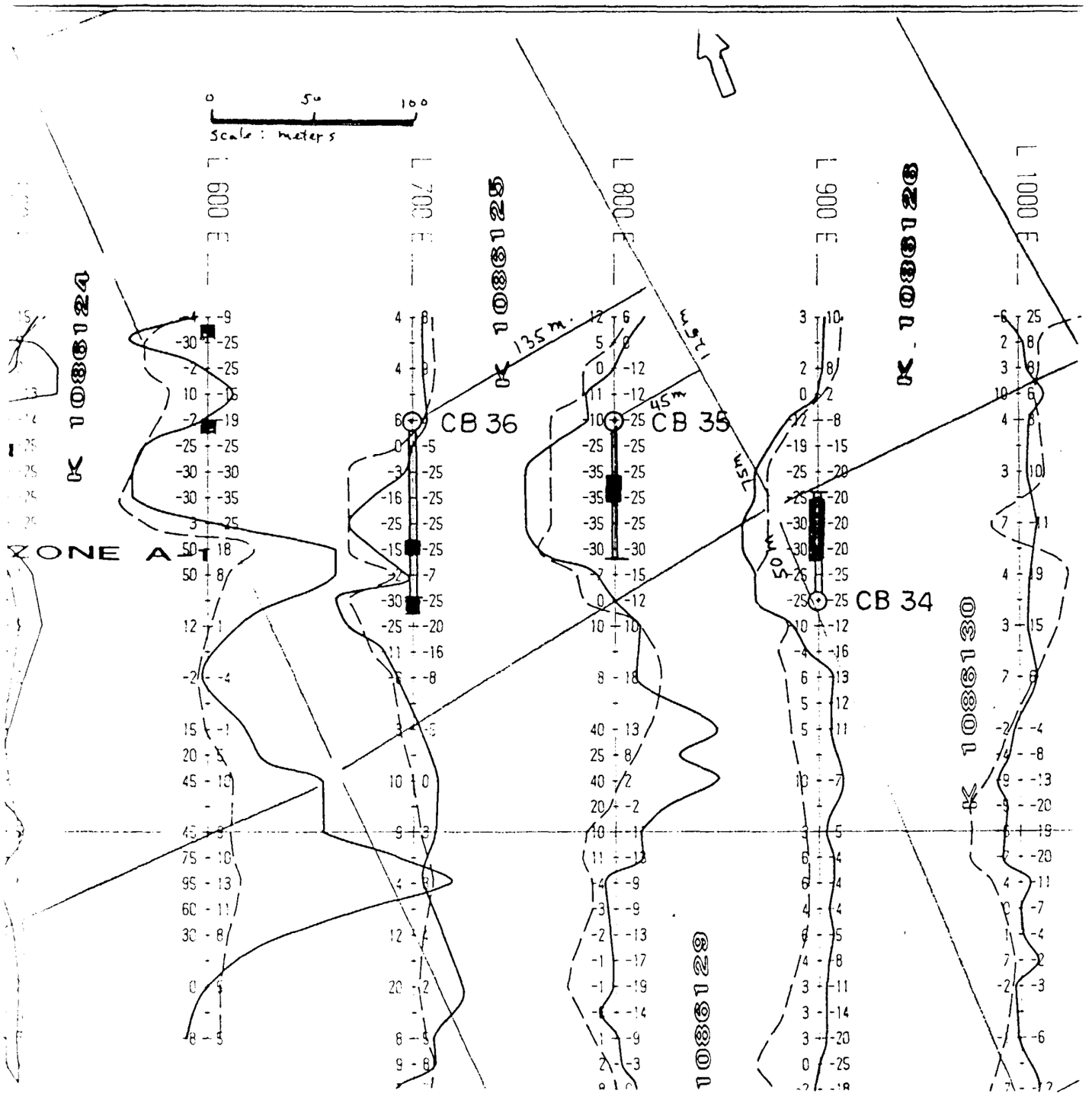
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
113.20	141.00	27.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
141.00	143.00	2.00	5431	166	31	1705	0.7	319	6.76	32
143.00	146.00	3.00	5432	96	15	710	0.2	310	4.86	20
146.00	149.00	3.00	5433	204	31	1062	0.5	241	7.77	38
149.00	151.00	2.00	5434	140	19	939	3.4	431	5.35	31

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB034

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
234.2	246.0	(FELSIC TUFF + CHERT BANDS) Similar to previous unit,possible fragmental,with mm to cm cherty-pale beige-greenish bands;30%. irregularily dist'd muscovite,to 5% over 1-2' sections. NVS.	151.00	246.00	95.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		246.0 - (E.O.H.)											


0 50 100
Scale : meters
600 E
700 E
800 E
900 E
1000 E
K 108124
K 108125
K 108126
K 108128
K 108130
CB 36
CB 35
CB 34
135 m.
45 m
ZONE A

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB035
Collar Eastings: 800.00
Collar Northings: 200.00
Collar Elevation: 0.00
Grid: Grid A

Collar Inclination: -45.00
Grid Bearing: 180.00
Final Depth: 306.00 feet

Logged by: P. Barc
Date: Jan. 11-12, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
			ASSAYS											
0.0	9.5	(CASING)												
9.5	64.0	(QTZ-BTE SCHIST)	0.00	20.00	20.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Felsic tuff.	20.00	23.00	3.00	5435	127	10	506	0.3	562	6.70	165	N.S.
		Grey,finely banded,bte,5%.Weak feldspar poik.text'd sects.	23.00	32.00	9.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Fine qtz banded,x-banded.	32.00	35.50	3.50	5436	103	13	1051	1.4	824	6.55	87	N.S.
		Foliated at app.40 to CA..Sections foliated at 0 to CA.,	35.50	40.00	4.50	5437	280	28	1113	0.4	554	6.01	139	N.S.
		5-10' sections folial folding.	40.00	52.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Minor garnetiferous,bte,py banded sections;6.'	52.00	55.00	3.00	5438	278	40	1725	0.8	490	8.03	407	N.S.
		Minor cherty,chemical sed. sections,py to 40%.	55.00	59.00	4.00	5439	190	30	1183	0.5	660	7.01	108	N.S.
		20.0-23.0 Cherty,fg py diss,blebs 40%/.4'.												
		23.5-26.5 Cherty,f-mg garnet bands.												
		30.0-32.0 Pale green-white banded-ep?,garnet,tr.py.												
		33.0-36.0 Py 5-10%,garnet 5%,bte 10% banding.												
		36.0-48.0 Change in fol'n to 0 to CA.,Minor fg py,mm bands,												
		Hbl banding,traces fg garnet,slight cnt'd fol'n.												
		48.0-55.0 Py 15%,hbl bands,traces graphite,wk cnt'd fab.												
		55.0 traces Aspy fg.												
		58.0 traces Graphite.												
		61.2-64.0 Cherty bands,ct.margin,occ.plag-ep-hbl lenses.												
64.0	105.0	(GABBRO)	59.00	105.00	46.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Green black,fg,uniform hbl-ep-qtz-plag,weak speckled text.,												
		Weakly foliated at 20 to CA..												
		Occ. mm qtz bands,x bands.												
		Occ. Felsic xenoliths near top ct.												
		Traces pyrite-mm stringers.												
105.0	142.5	(CHERT-GRAPHITE-PY)	105.00	108.00	3.00	5440	210	31	1390	0.8	575	7.11	265	N.S.
		Grey,minor orange banded chert,py 10% mm bands,fg diss.,	108.00	111.00	3.00	5441	480	31	5934	2.4	594	7.96	34	N.S.
		Graphitic interbands,to 20% of 1-2' sections.	111.00	113.00	2.00	5442	276	24	2524	TRACE	499	8.31	15	N.S.
		Banded,foliated at 30 to CA..	113.00	116.00	3.00	5443	255	26	2977	1.2	481	6.96	15	N.S.
		Weakly brecciated-tex'd sections;chert-graph,with irregular	116.00	119.00	3.00	5444	288	45	1198	TRACE	501	8.65	25	N.S.
		py stringers,matrix,to 50% over <1' to 6' sections.	119.00	122.50	3.50	5445	285	27	2023	TRACE	292	5.66	14	N.S.
		Occ. Cpy,Zns laminations.	122.50	126.00	3.50	5446	165	11	1833	1.2	577	4.33	29	N.S.
		2 sections to .2' Broken Core,late shear,brecciated,	126.00	129.00	3.00	5447	301	23	1205	2.2	401	7.02	44	N.S.
		mylonitic tex'd,black clayey mineral coating.	129.00	131.80	2.80	5448	558	40	544	0.6	427	11.06	67	N.S.
		Occ. late Qtz-py-black min-Serpentinite viens-2,.2',1.0'.	131.80	134.00	2.20	5449	498	12	2053	1.0	228	7.89	12	N.S.
		106.0-117.0 Py 20-30%,Graphite,brecc'd sections.	134.00	136.00	2.00	5450	1206	9	3523	0.7	197	6.04	4	N.S.
		117.0-126.0 Chert,foliated 0 to CA sections,minor graph,py.	136.00	139.00	3.00	5451	305	22	2093	3.4	425	8.93	57	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB035

FROM	TO	LITHOLOGICAL DESCRIPTION
		126.0-136.0 Py 30%,Zns,Cpy near top,orange cherty bands. 134.0-136.0 Zns 2%,Cpy 2%. 136.0-142.5 Py 10-20%,minor 1' section brecc'd.,py 50%
142.5	150.4	(GABBRO) Similar to previous,chert xenoliths near margins,py. 144.0-145.5 Late qtz vien,py 20%,minor Po,wkly mylonitic
150.4	165.0	(CHERT-BANDED) Cherty,grey,black-bte banded,py 5-10%,mm bands,sections 2' py to 40%,ass'd with qtz viens to .3'.Zns to 30%/.2' in qtz viens. 150.4-158.0 Banded chert,py 10-15%. 157.0-157.5 Qtz vien,red brown bands,py 40%,Zns 10% centre. 158.7-158.9 Qtz vien,traces Zns,Cpy py 40%/.2'. 159.2-161.0 Py 40%,brecciated chert,late qtz vien-central .2',py,Zns 30%. 161..3-165.0 finely banded chert,minor pyrite.
165.0	174.0	(GABBRO) Green,black,white finely banded. Similar to previous sections. Foliated at 40 to CA.. Minor qtz-mm to cm viens traces pyrite. to 10% near margins 5% ep-plag-qtz lenses mm.
174.0	199.7	(CHERT-BANDED-PY,PO) Grey,orange banded-1.' near top ct.,black banded;graph? Brecciated sections,po 20%,py 20%,2 sections to 1.',Zns. Sections py to 20%,po diss,bands,vuggy stringers. 174.8-176.5 Brecc'd,py 30,po 30%,finely contorted cherty bands,traces Zns. Accretionary textured fragments. 177.0-177.6 py 40%,qtz Sulfide breccia,Zns 3-5%. 179.8-180.3 Contorted bedding,po-py-Zns 4% matrix,30%. 182.5-186.0 1/2 section cnt'd,wk brecc'd,py 20%,po 20%,Zns. Change to po,py 5-10%,banded. 186.0-199.7 Decreased py,po,fg-finely laminated schist-Rhyolitic tex'd. 193.3'Granite peg. 198.6-199.7 Po,py,baked contact,sericite? 199.7' 1.' Gran.peg,py qtz band .2' top. Biotite banding lower 1.'.

ASSAYS											
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
139.00	142.50	3.50	5452	424	55	1978	4.8	436	10.30	35	N.S.
142.50	145.80	3.30	5453	292	32	113	7.0	491	9.72	40	N.S.
145.80	148.00	2.20	5454	104	12	86	4.4	453	6.17	58	N.S.
148.00	150.40	2.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
150.40	154.00	3.60	5455	143	13	90	1.6	407	7.32	68	5
154.00	156.50	2.50	5456	211	4	325	0.8	434	8.12	157	TRACE
156.50	159.00	2.50	5457	222	33	2344	3.4	418	12.64	101	8
159.00	161.30	2.30	5458	1024	11	8152	2.3	258	10.91	16	10
161.30	174.00	12.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
174.00	176.70	2.70	5459	335	17	3910	1.6	240	12.61	5	N.S.
176.70	178.00	1.30	5460	580	41	5314	2.2	796	16.15	23	N.S.
178.00	180.70	2.70	5461	318	36	1921	1.8	593	8.21	9	N.S.
180.70	182.50	1.80	5462	411	68	1326	1.4	488	9.39	7	N.S.
182.50	185.70	3.20	5463	648	35	4109	2.0	336	15.58	66	N.S.
185.70	188.60	2.90	5464	310	35	1678	1.4	431	7.77	33	N.S.
188.60	191.00	2.40	5465	215	29	1057	1.3	332	5.05	100	N.S.
191.00	196.00	5.00	5466	176	33	1137	0.5	377	5.49	40	N.S.
196.00	199.70	3.70	5467	238	38	717	2.9	363	7.00	71	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB035

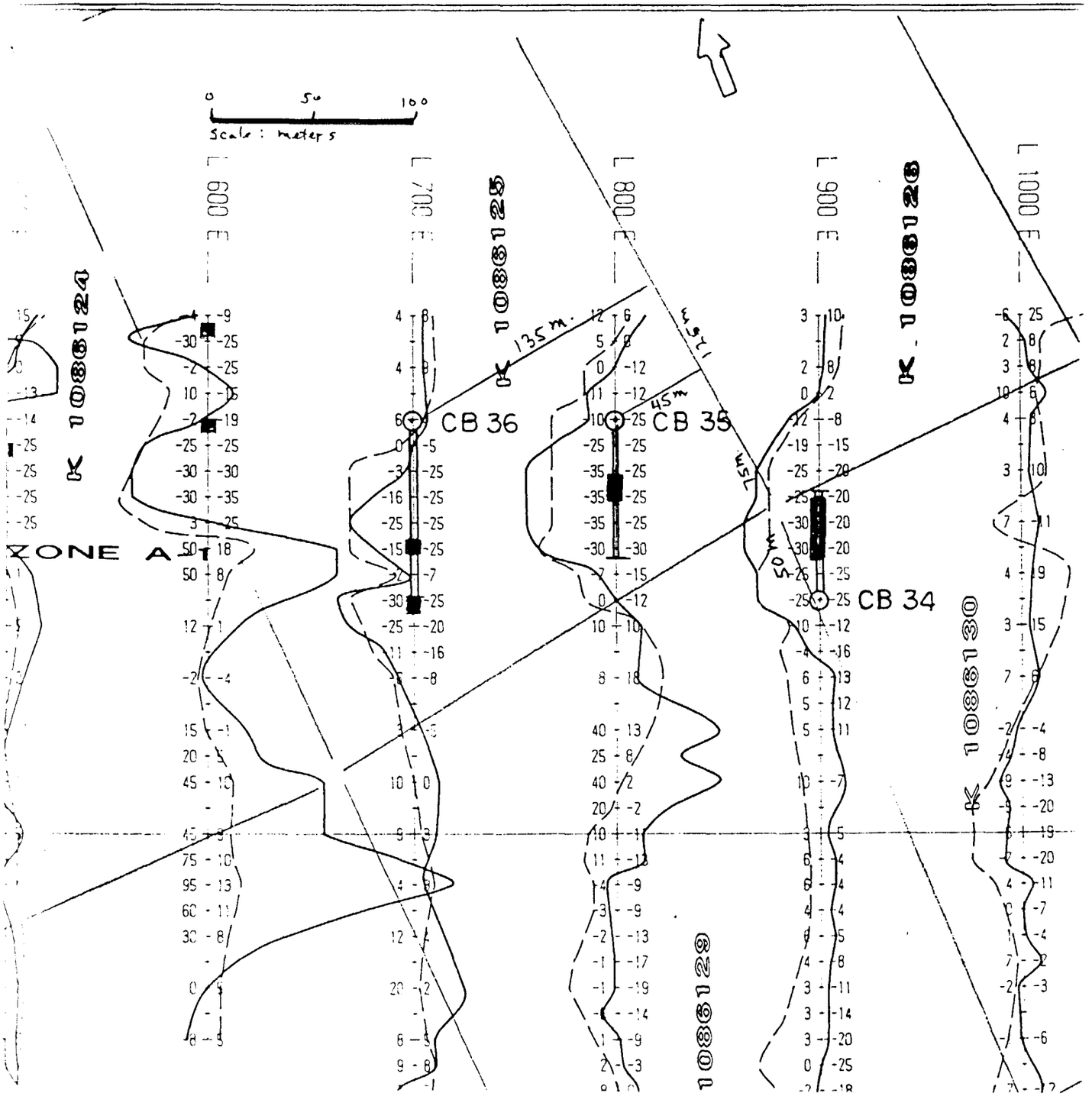
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
									ASSAYS					
199.7	207.8	(GABBRO)	199.70	207.80	8.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous;vfg to fg,qtz banded,cm lenses ep-p-qtz												
		Chert-py fragments.Bte banding 10-20%.												
		Granite pegmatite 1.'.												
207.8	210.2	(CHERT-BANDED)	207.80	210.20	2.40	5468	282	49	2303	3.2	567	8.28	55	N.S.
		Grey,orange,py 5-10%,Zns 2%.												
		Weakly assimilated xenolith-raft?												
210.2	237.8	(GABBRO)	210.20	212.50	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous.Foliated at 30-40 to CA..	212.50	215.00	2.50	5469	268	25	148	1.6	773	6.76	73	N.S.
		Inc'd ep-plag-qtz lenses.Occ.cm late qtz vien.	215.00	237.80	22.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Minor py banded sections.												
237.8	287.0	(QTZ-MUSC-BTE SCHIST,LATE BRECCIATED SECTION,PY)	237.80	241.00	3.20	5470	176	28	537	0.8	545	9.97	26	TRACE
		Felsic tuff-Rhyolite.	241.00	244.00	3.00	5471	190	26	541	2.8	378	7.48	112	8
		Grey,brown banded,black.Whitish fragments.	244.00	247.00	3.00	5472	213	42	892	1.7	410	8.49	37	8
		Finely banded,sections Musc to 10%.	247.00	250.00	3.00	5473	87	21	955	3.6	513	4.67	78	8
		Minor bte.Occ.cm bands 10% fg garnet.	250.00	253.00	3.00	5474	79	17	218	0.2	416	3.76	22	TRACE
		Bands fg to cg cherty fragments,similar tex'd.	253.00	258.00	5.00	5475	192	31	1335	0.8	227	4.13	71	5
		Diss py + bands 2-5%,occ po,zns traces.	258.00	262.00	4.00	5476	258	48	2123	2.0	208	4.24	43	5
		240.0' Zns 2 mm band,po,py.	262.00	264.00	2.00	5477	877	16	3075	2.4	526	11.14	93	8
		250.9-262.0 Change to Bte rich.	264.00	267.00	3.00	5478	700	52	4708	7.4	817	19.10	40	15
		262.0-270.5 Zone of late brecc'n,py,black mineral-serp	267.00	270.80	3.80	5479	357	30	1729	2.4	447	8.81	50	TRACE
		banding. Occ.Graphite laminations	270.80	276.00	5.20	5480	129	15	868	1.6	272	3.55	40	8
		262.0-267.0 Py 40%,minor po.Py to cm bands cementing brecc.	276.00	279.50	3.50	5481	94	16	545	1.6	357	4.29	46	29
		Abundant broken core.	279.50	282.80	3.30	4582	101	20	553	1.6	480	5.27	49	22
		262.5-263.6 Qtz viening,po to 10%/.1',Cpy blebs in cm py	282.80	287.00	4.20	5483	246	23	679	1.3	555	7.17	53	9
		band.												
		267.0-270.5 Fractured-occ. py brecciated-cemented .2'sect.,												
		270.5-287.0 Felsic tuff possible. Grey,black,uniform mtx,												
		Polymictic f-cg clasts 5%.												
		Minor orange,musc banded sections.												
		Minor pyrite.												
		285.5-286.1 Py-qtz vien.												
		287.0 .1' Qtz vien,py.												
287.0	295.5	(AMPHIBOLITE-BANDED)	287.00	294.00	7.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Green-black,bte 10% bands to .1'.												
		Occ.ep-plag-qtz lenses.Granitized?												
		285.2-.5' Py 20% banding,alt'n near Gran.Peg ct..												
295.5	306.0	(GRANODIORITE)	294.00	296.00	2.00	5484	109	13	533	0.4	328	4.98	19	N.S.
		Mg,wk porphyritic tex'd.	296.00	306.00	10.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB035

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	ASSAYS Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
		Green stained K-fds.section.												
		i.' assimilated xenolith.												
	306.0	- (E.O.H.)												


0 50 100
Scale : meters
600 E
700 E
800 E
900 E
1000 E
K 108124
K 108125
K 108126
K 108129
K 108130
CB 36
CB 35
CB 34
135m.
145m
75m
50m
ZONE A

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB036
Collar Eastings: 700.00
Collar Northings: 200.00
Collar Elevation: 0.00
Grid: Grid A

Collar Inclination: -45.00
Grid Bearing: 180.00
Final Depth: 396.00 feet

Logged by: P. Barc
Date: Jan. 13, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	25.0	(CASING)
25.0	124.3	(FELSIC TUFF + RHYOLITE) 60% Sections ; Grey,bte banded 5-10%,white plag speckled textured matrix,clasts to.2'. 40% Sections Muscovite rich,clasts,pale coloured orange-grey-beige bands in musc-rhyolitic mtx.Minor bte,occ. fg garnet bands. Change to fg musc,minor bte sections to base of unit. Generally foliated at 30-40 to CA.. Traces pyrite. 59.0-61.0 Foliated at 0 to CA. Folial fold. 26.0-46.0 Felsic tuff. Plag phyric,minor musc. 46.0-71.0 Felsic tuff,grey-beige-black 71.0-82.5 Rhyolite,Musc rich,sharp lower ct,beige green alt'n,garnets. 82.5-104.5 Rhyolite,white banded ct. 109.0-123.0 Rhyolite.Orange bands near top 10.'
124.3	131.4	(CHERT-BANDED + RHYOLITE BANDS) Gradational upper ct.;first cherty bands + sulfide inter-bands.Generally fg,grey-whitish cm banded,with orange-grey banded section lower margin 2.4',hbi cm bands.,x-fract'd. 124.3-128.0 Minor py,inc to 5%. 128.0-131.4 Py bands 5-10%. 127.0-128.0 Zns,30% along mm x-fracture,2. 129.0-131.4 Orange banded.
131.4	140.0	(GABBRO) Similar to previous. Wk speckled fabric,green-white.Felsic xeno. near top margin. 10-15% Pyrite bands.Schistoce fabric,crenulated,plag white mm bands. Abundant highly fractured core,minor broken core. Sharp contacts.
140.0	168.0	(QTZ-PY VIEN + MINOR CHERTY SECTIONS) 70% Sections milky-whitish cg qtz,with f-cg py euhedra disseminated,esp. near top 1.5';py 80%.Py generally 5-10%. 10% Sections qtz vien,py,with greenish-ep? rich sections to

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
0.00	121.70	121.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
121.70	124.00	2.30	5494	13	25	134	TRACE	268	1.76	35	N.S.
124.00	127.00	3.00	5495	150	19	812	0.4	369	5.05	241	N.S.
127.00	129.00	2.00	5496	118	19	2260	TRACE	394	4.61	33	N.S.
129.00	131.40	2.40	5497	59	21	1400	TRACE	246	2.75	22	N.S.
131.40	135.00	3.60	5498	47	14	153	TRACE	559	4.62	56	N.S.
135.00	140.00	5.00	5499	181	18	80	0.5	600	7.20	19	N.S.
140.00	142.00	2.00	5500	1130	47	310	3.4	893	30.00	35	9
142.00	144.00	2.00	5501	130	14	30	0.2	302	5.17	13	TRACE
144.00	146.00	2.00	5502	15	6	400	0.4	112	1.07	19	TRACE
146.00	148.00	2.00	5503	296	15	55	1.0	319	5.17	29	TRACE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB036

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
							ASSAYS							
		1.'-alteration by Gabbro.	148.00	150.50	2.50	5504	67	12	42	0.1	394	4.05	14	TRACE
		20% Sections qtz vien,py,with black to green black Serp.	150.50	153.00	2.50	5505	201	6	130	TRACE	305	6.66	24	TRACE
		clay mineral. 5-10%,occ. to 60% banding.	153.00	156.00	3.00	5506	60	17	23	1.2	388	3.54	16	TRACE
		Minor Rhyolite?cherty cross fractured,minor py,hbl sections	156.00	159.00	3.00	5507	18	TRACE	19	TRACE	136	1.28	8	TRACE
		Xenolithic material in Gabbro.	159.00	162.00	3.00	5508	130	17	126	TRACE	690	7.15	5	TRACE
		In greenish sections-occ. blue,whiteish powdery coating on	162.00	165.00	3.00	5509	211	38	588	2.3	738	10.60	23	TRACE
		x-fractures.	165.00	167.20	2.20	5510	129	32	44	2.4	346	5.56	14	5
		Traces Zns in py stringers at base of mass. py sections.												
		140.0-141.5 Mass py,tr.Zns at base.												
		141.5-143.0 Green patches,minor serp.,py 10-20%.												
		143.0-150.5 Mass.qtz,2-1' 30% serp sections,minor py.												
		150.5-153.0 Cherty,orangey,frac'd,minor py.												
		153.0-159.8 Qtz,minor green,black bands,py.												
		159.8-168.0 Milky qtz,py banded,minor orange cm bands,												
		Py 25%,highly cnt'd fol'n,green mineral-hbl+ep.												
		Hbl bands lower 3.'												
168.0	279.0	(GABBRO)	167.20	169.30	2.10	5511	50	32	115	1.6	762	6.20	14	7
		Similar to previous;Green-black-white speckled,f-mg.	169.30	172.20	2.90	5512	41	20	52	TRACE	371	3.77	5	TRACE
		Weak silicified top 4.',py bands,fractured.	172.20	279.00	106.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Weak cnt'd foliation at 20-30 to CA.,sections to 0 to CA..												
		Occ. irregular patches ep-plag-qtz.,occ. fine white bands,												
		x-band,fracture coatings.												
279.0	288.0	(GABBRO-SILICIFIED,FRACTURED)	279.00	283.00	4.00	5513	58	20	61	TRACE	267	4.26	22	7
		Similar to previous section,with pale grey,black colour,	283.00	286.00	3.00	5514	29	17	61	TRACE	237	3.89	10	TRACE
		with 20-30% qtz addition,minor po,py.												
		Fractured,cross fractured,fg black-serp-laminations.												
		Serp 10-20%,Talcose seams,coatings.												
		Hbl banding.												
		Abundant broken,blocky core,change to st,crenulated fabric.												
288.0	327.2	(GABBRO)	286.00	289.00	3.00	5515	55	17	113	0.4	287	4.41	14	TRACE
		Grey,black,mg hbl speckled.Similar to previous section.	289.00	292.00	3.00	5516	49	12	67	0.1	251	3.98	64	N.S.
		Occ. ep-plag-qtz-py lenses.	292.00	294.00	2.00	5517	80	19	69	0.4	322	4.47	95	N.S.
		Gradational through st.,crenulated,bte to wkly foliated.	294.00	327.20	33.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Minor x-fractures,qtz,qtz bands.												
		303.0-306.0 Minor silicified,py,po bands.												
		306.0-327.2 2.' wk sil'd												
327.2	341.5	(CHERT-BANDED-PY)	327.20	330.00	2.80	5518	106	24	493	TRACE	556	5.21	27	N.S.
		Generally vfg cherty-grey,minor bte,5%,graphite,5%,mm	330.00	332.00	2.00	5519	271	32	3640	0.8	353	8.48	31	N.S.
		interbands.Well foliated,finely banded at 50 to CA..	332.00	336.00	4.00	5520	390	20	2910	1.1	276	9.06	8	N.S.
		Sections highly cnt'd banding,late cross fractured,minor	336.00	339.50	3.50	5521	828	31	3900	2.6	704	19.20	23	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB036

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
									ASSAYS					
		broken core sections,brecciated,with late py,po to 40% of sections,cement.Traces Zns. Cherty sections have 5-10% Po,with minor py laminations, Traces Zns. 4.' section cnt'd fol'n at 0 to CA.. 330.0-330.3 Late qtz-rich section in brecc'd schist,late py stringers,Zns 6%,fg blebs. 327.2-328.6 Cherty,tr.py 328.6-330.0 Brecc'd,st,py 40% lower .3'. 330.3-341.5 Py 40% sections,minor py,20% lower 3.',py 5% laminated sections.Intensely brecc'd sections + cht-banded sections,traces graphite,bte.Minor Zns. Slickensides on Slip planes-foliation. 330.3-338.0 foi'd 0 to CA..	339.50	341.50	2.00	5522	949	37	1990	1.7	342	12.90	26	N.S.
341.5	360.0	(RHYOLITE) Grey,orange,beige,greenish banded,wk Fds porhyritic tex'd sections,Qtz,vfg,minor musc,5-10%,bte bands. Py 5-10%,fg mm bands lower 10.'. Minor fg garnet,qtz-bte-garnet .5cm lenses,lower 4.'. Graphite laminations,with py,near top margin 2.'. 341.5-354.0 minor pyrite,fractured,fine qtz viened,.1'ms. 354.0-358.0 Minor pyrite.	341.50 345.00 348.30 351.00 354.40 357.50	345.00 348.30 351.00 354.40 357.50 360.00	3.50 3.30 2.70 3.40 3.10 2.50	5523 5524 5525 5526 5527 5528	230 106 274 112 81 151	28 12 33 20 23 32	1240 380 2140 697 544 1320	TRACE 0.4 0.6 TRACE TRACE 0.2	383 386 368 416 586 380	4.48 5.07 6.51 4.26 5.20 5.86	43 21 78 19 19 24	N.S. N.S. N.S. N.S. N.S. N.S.
360.0	372.2	(GABBRO) Similar to previous. Foliated,banded at 30-40 to CA.. Sections upper,lower 6.' look like amphibolite;20% bte banded. 5-10% ep-plag-qtz lenses,bands. Traces pyrite.	360.00	372.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
372.2	374.8	(RHYOLITE) Felsic,fg banded,wkly assimilated xenolith in gabbro, bte,hbl banded. Minor py,po laminations,with occ.Zns blebs.												
374.8	379.0	(GABBRO) As above.	372.00	375.00	3.00	5529	140	18	955	0.6	589	7.08	81	N.S.
379.0	396.0	(GABBRO) Mg hbl-speckled;poikolitic. Sharp ct. with previous unit,broken,fractured core,fine whitish qtz x-banding top 7.'.	375.00	396.00	21.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB036

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	ASSAYS Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
		Wk crenulated fol'n sections near top 15.' Minor bte,Traces py,po in irregular oriented ep-plag-qtz patches.												
	396.0	- (E.O.H.)												

K 110 5578

K 108 1 24

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB037
Collar Eastings: 200.00
Collar Northings: 62.00
Collar Elevation: 0.00
Grid: Grid A

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 321.00 feet

Logged by: P. Barc
Date: Jan. 16-18, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	12.0	(CASING)
12.0	32.0	(AMPHIBOLITE-BANDED) Black,green banded,fg uniform schist,with 40% f-mg ep-plag-qtz lenses to .1'.Qtz banding 20%,2% pyrite banding as fine streaks,patches. Well foliated,banded at 70 to CA..
32.0	79.0	(GABBRO) Greenish black,weak black-hbl speckled texture.Gradational to massive textured,with minor bte banding.Traces py in occ. ep-plag lenses. Pervasive-fine qtz x-banding to 30%,esp. near ct. margins. Traces garnets in occ. bte .2' banded sections.
79.0	154.8	(AMPHIBOLITE-BANDED) Similar to previous section. 40-50% ep-plag-qtz lenses,traces py,po. Minor bte banding,from 2%,increase to 10% to base. Narrow sections bte,bte + garnet banded. Po,py banding to 15% of sections - Conductor. Narrow sections fine qtz x-banded,Gabbro dikes? 91.5-93.5 Po banding 15%. 95.0-101.0 Qtz x-banded;Gabbro dike. 106.0-126.0 Po banding 10%. 141.0-154.8 Qtz x-banding;Gabbro ct. margin textures. Po + py in ep-plag-qtz bands 10%.
154.8	157.8	(CHERT-BANDED,GRAPHITE,PO,PY) Weakly mineralized; Po 20%,py 10%,traces Zns. Near lower ct. margin;Grey,cherty,with pervasive qtz band- ing.Hbl-ep bands to 155.5'. 155.5-156.8 Cherty,grey,pale green patches-fragments? Minor bte,fg pink garnets 15%,occ. whitish patches- felsic clasts? Traces po. 156.8-157.8 Cherty,po,py,traces Zns,graphite 20%,bte, occ. greenish ep-plag-qtz patches. Weakly brecciated texture. Traces Aspy:mm lamination.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	124.90	124.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
124.90	129.50	4.60	5535	90	5	88	0.2	397	4.07	11
129.50	134.30	4.80	5536	79	12	46	0.1	396	4.34	11
134.30	139.00	4.70	5537	142	4	44	TRACE	356	5.06	19
139.00	143.90	4.90	5538	94	6	49	TRACE	420	5.82	17
143.90	148.40	4.50	5539	82	2	50	TRACE	437	5.10	21
148.40	153.30	4.90	5540	46	TRACE	31	0.1	491	4.52	23
153.30	154.80	1.50	5541	128	TRACE	82	TRACE	889	9.25	TRACE
154.80	156.00	1.20	5542	79	4	537	TRACE	720	7.96	83
156.00	157.80	1.80	5543	94	11	818	0.4	327	5.88	97

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB037

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
157.8	160.2	(GABBRO) Similar to previous. Fine qtz - banding in brecciated gabrro 30%. Bte banding near margins. Traces po.	157.80	160.00	2.20	5544	36	9	103	TRACE	715	5.72	16
160.2	166.0	(QTZ-BTE SCHIST) Milky white,black banded,speckled;bte 15-20%. Foliated,mm banded at 50 to CA.,Generally fg qtz-plag-bte, Traces fg garnets,traces po,py..	160.00 163.00	163.00 165.80	3.00 2.80	5545 5546	26 13	27 26	90 67	TRACE TRACE	564 319	4.00 2.03	17 22
166.0	190.0	(RHYOLITE) Sharp contact-weak chill margin,vfg cherty,grey-orange banded-2.' section,weakly x-fractured.Similar to lower ct.. Gradual increase in grain size to f-mg towards interior. Generally fg,greyish,white,black finely banded;bte,musc.. Quartz,feldspar,musc 5-10%,bte traces to 5%. Lenses,poikoloblastic musc. to cm. size. Occ.K-fds? fg porphyritic sections,occ. white-black speckled lenses to cm. size-felsic tuff fragments from unit below. Traces pyrite. 170.0-186.0 Traces fg pink garnets. 181.0-188.0 Musc.patches,fragment ghosts? Rhy.fragments in slight bte enriched mtx.. 189.0-190.0 Orange-grey,cherty,fine white x-fracture coat- ings,Black mineral coatings-Fe,Mg phyllosilicate.	165.80 167.50 169.00 189.00	167.50 169.00 189.00 190.00	1.70 1.50 20.00 1.00	5547 5548 N.S. 5549	12 19 N.S. 24	35 56 N.S. 35	90 117 N.S. 547	TRACE TRACE N.S. TRACE	157 350 N.S. 562	1.16 2.42 N.S. 3.37	81 28 N.S. 27
190.0	192.2	(GABBRO) Similar to previous. Towards lower margin gabbro/felsic banded cm scale.											
192.2	193.0	(CHERT + GABRRO BANDS) Grey,cherty bands,with vfg black to brownish gabbro bands, fine white x-bands.	190.00	193.00	3.00	5550	57	26	145	0.1	736	6.71	33
193.0	196.2	(CHERT-BANDED + PY-GRAPHITE SECTIONS) Generally vfg,greyish qtz with bte banding,po,py 10% mm bands,traces graphite. 193.0-194.0 Chert,minor po,py. 194.0-195.8 1',3' section chert-graph-py 40%,po 10%,tr Zns. Sulfides as blebs,mm stringers in graphite laminated schist	193.00	196.20	3.20	5551	237	22	936	0.9	616	9.28	59
196.2	211.2	(AMPHIBOLITE-BANDED)	196.20	198.50	2.30	5552	76	25	451	TRACE	548	5.06	25

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB037

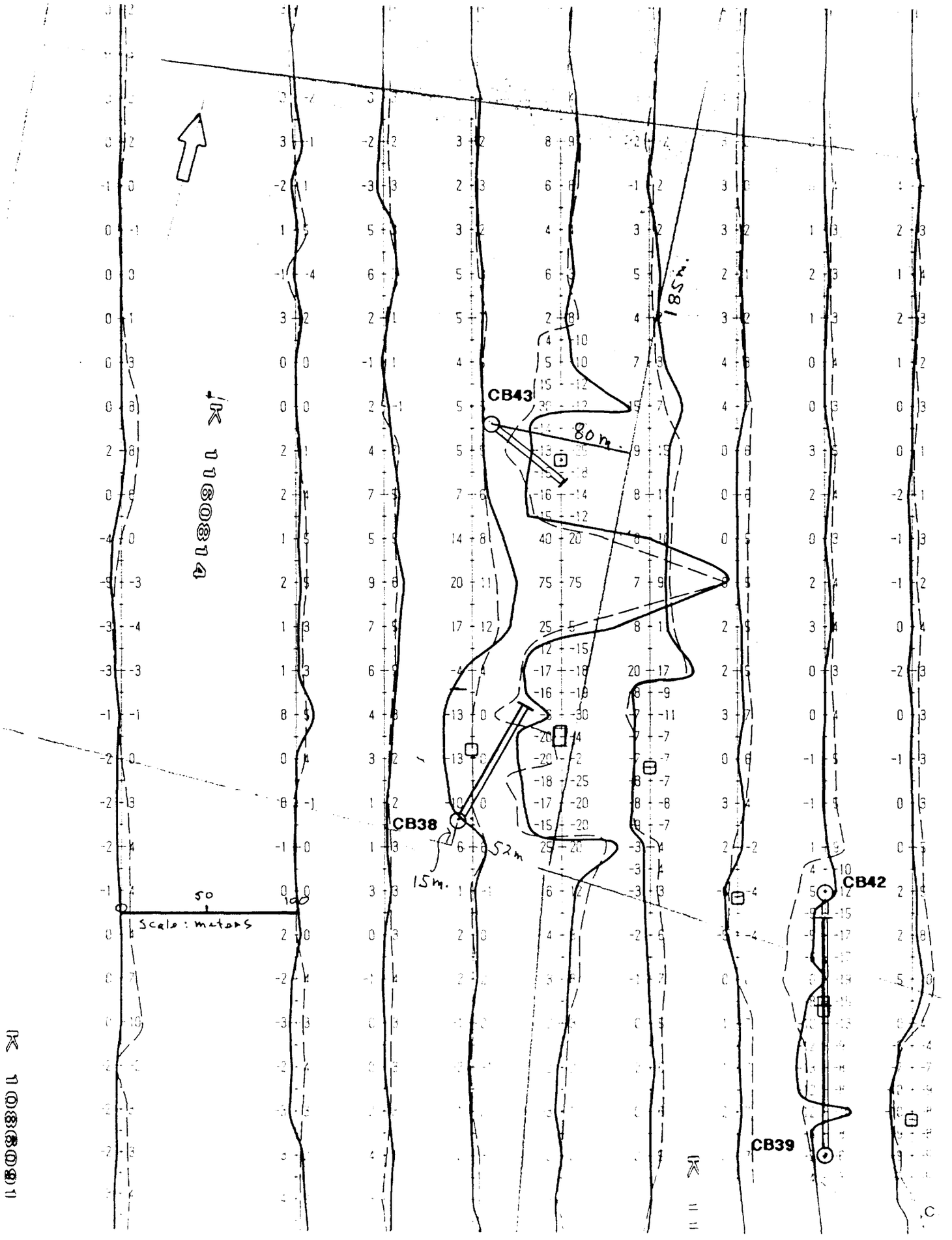
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Fg mafic tuff-similar to gabbro.Change to green-black, finely ep-plag-qtz iense banded schist,bte bands 5-10%. Traces fg pink garnets,esp. near lower ct.. Occ. po,py laminations;lower 2.',wkly silicified. Trace Zns;mm band at 197.2.	198.50	211.20	12.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
211.2	220.4	(CHERT-WKLY MIN'D + AMPH.SECTION)	211.20	213.30	2.10	5553	101	34	988	0.3	409	3.47	30
		Inhomogenous unit.	213.30	215.00	1.70	5554	464	37	894	1.4	416	9.18	55
		211.2-212.5 Cherty,minor bte bands,occ. hbl bands.	215.00	217.70	2.70	5555	540	68	5323	2.2	278	10.54	45
		212.5-217.7 Mineralized;Chert-graphite-po 30%,minor py..	217.70	219.40	1.70	5556	53	8	176	0.4	206	3.39	46
		Traces Zns..Sulfides as mm stringers,blebs in finely lam'd chert-graph-bte schist.	219.40	220.40	1.00	5557	166	15	1013	0.6	339	5.48	47
		219.4-220.4 Chert-po-graph-bte,trace Zns,hbl banding along lower margin.											
220.4	236.2	(GABBRO)	220.40	236.00	15.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		F-mg greenish-black speckled,foliated at 40-50 to CA., wk hbl phyric text'd,minor bte banding,wkly crenulated bands.Gradual increase from vfg to f-mg matrix. Minor bluish qtz banding. Traces py on fine x-fractures near lower margin.											
236.2	239.0	(CHERT-BANDED,GRAPH-PO,PY,ZNS)											
		Orange,grey banded to wkly brecciated. Po,py 15%,mm bands,irreg. oriented stringers. Zns 4%,as 3mm stringer with po,py.Zns also as fg blebs in peculiar ep-cht-bte whitish-green cm knots near lower ct. Graphite as irregular dist'd mm bands,.2' sect.massive graphite along both cts.,brecciated,with qtz cement, slickensided surfaces.											
239.0	243.5	(CHERT-BANDED,GARNETS,WK MIN'D SECTIONS)	236.00	239.20	3.20	5558	106	16	1809	1.3	688	6.16	37
		Greyish,minor bte,bte + garnet banded cm to .2' sections-	239.20	242.20	3.00	5559	286	11	1232	0.2	905	8.50	57
		2% of unit.Generaly chert,with occ. felsic? laminations.	242.20	243.30	1.10	5560	145	5	253	0.2	422	5.19	35
		Minor sections to .2' laminated cht-po-py-Zns,with minor bte,graphite.											
		239.2-242.2 Po,py 5-7%,minor Zns.											
		242.2-243.3 Cherty,minor po,py.											
243.3	266.2	(GABBRO)											
		Similar to previous,with ep-plag-qtz banding-20% to .2'. Minor bte banding,esp. near lower ct.-gran. peg. at 244-245.'											
		264.0-266.6 Garnet,fg,banding 15%.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB037

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
								ASSAYS					
266.2	321.0	(GABBRO + GRANITE PEGMATITE) 20% Granite peg. Arbitrary upper ct;chill margin at 266.2. Gabbro-non ep-plag-qtz banded past 268.0' Generally vfg,green-black,grad'l to f-mg weak hbl phyric. Foliated at 60-70 to CA.,Bte banding,increase from 0-10% towards granite pegmatite sections. Traces pyrite near gran.peg.sects. 278.5-286.5 3',5' gran. peg. sects. 305.0-316.6 Granite peg.,cg to fg,1.5' assimilated bte-rich xenolith.	243.30	321.00	77.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
	321.0 - (E.O.H.)												


CB43
CB38
CB42
CB39
185m.
80m.
52m
15m.
50
100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB038
Collar Eastings: 592.00
Collar Northings: -284.00
Collar Elevation: 0.00
Grid: Grid H

Collar Inclination: -45.00
Grid Bearing: 30.00
Final Depth: 346.00 feet

Logged by: P. Barc
Date: Jan. 25-26, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	24.0	(CASING)
24.0	261.5	(GABBRO)
		Green,white speckled.
		Generally fg,with occ.mg-cg hbl phyric sections.
		Often sharp cts. between f/cg units-fg units late gabbro diking.
		Occ. mm qtz banding,x-bands,sections top 20' 10-15% bands.
		Occ. patches plag-ep-qtz +/- po,tr.Cpy 117.'.patches cm to .2'.
		Foliation diff.to discern,weak,sections fol'n appears 0 to CA., to 80 to CA.,36.' to 46.'.
		Generally fol'n 50 to CA;near vertical rock unit.
		23.7-130.5 F-mg gabbro.
		130.5-226.0 +,hbl phyric,fol'd 70 to CA sections.First app. of bte-qtz bands,cm,patches,often at ct. fg/cg gabbro.
		Strong mineral-hbl lineation on fractures at 80 to CA.
		191.6-206.7 Late fg dike in cg gabbro,cts at 70 to CA..
		195.2 Trace po,py,in 3mm qtz band.
		257.0-261.5 Ct margin-if.
		Fg gabbro 260-261,cm mte bands-2,plag banded,.3' section
		Po-massive sulfide,with traces fg Cpy diss.
		Sharp contact with Iron Formation.
261.5	315.5	(BANDED IRON FORMATION)
		Inhomogenous unit.
		Top 1/4;cherty sections.
		2/4;mte banded,cht.
		3/4;Speckled mte,chert,cntorted foliation,folial folded.
		4/4;Massive mte sections.
		261.5-269.5 Cherty section,cht-plag 30%,hbl 40%,mte 30%,mm cm. bands,patches,streaks.
		Generally foliated at 70 to CA..Cnt'd fol'n,section1.5'.
		Traces po,Cpy occ.bands,esp.261-264,to 266.'
		269.5-269.8 Mte-garnet-cht-hbl bands,base of unit.Po 15%.
		270.6-271.1 mte-garnet-hbl-po 15%,tr.Cpy.
		271.1-273.8 Banded cht-mte-hbl-speckled,po 30-40%,section diss.hbl,po,cht non banded.
		273.8-278.0 Mte-cht banded,mte 75%,minor vfg garnet-patches laminations to .2'Vfg garnet-appearance similar to Zns.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
0.0	252.70	252.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
252.70	255.00	2.30	5726	1574	8	48	0.7	38	0.68	2	76
255.00	256.50	1.50	5727	566	2	29	0.1	47	0.53	2	32
256.50	259.00	2.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
259.00	262.00	3.00	5728	226	8	67	6.6	150	5.33	8	15
262.00	264.00	2.00	5729	391	12	96	0.5	139	7.30	10	24
264.00	266.00	2.00	5730	153	16	107	0.4	145	8.23	11	7
266.00	268.00	2.00	5731	335	19	161	0.5	162	8.25	12	7
268.00	270.00	2.00	5732	361	23	336	0.6	235	8.61	16	30
270.00	271.00	1.00	5733	506	21	314	0.6	380	8.66	14	98
271.00	274.00	3.00	5734	1214	34	163	1.5	159	10.06	21	9
274.00	276.00	2.00	5735	118	37	118	0.5	192	10.36	23	9
276.00	278.00	2.00	5736	89	33	NIL	0.6	127	10.99	22	9
278.00	280.00	2.00	5737	266	47	104	0.9	186	11.51	28	TRACE
280.00	282.00	2.00	5738	47	41	76	0.8	142	11.25	26	TRACE
282.00	284.00	2.00	5739	159	27	48	0.9	204	9.69	20	5
284.00	286.00	2.00	5740	12	34	34	0.2	214	10.22	25	7
286.00	288.00	2.00	5741	5	37	41	0.1	176	10.97	27	TRACE
288.00	290.00	2.00	5742	4	27	32	0.1	172	9.41	20	5
290.00	292.00	2.00	5743	3	27	39	0.2	174	9.84	24	5

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB038

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
							ASSAYS							
		Minor po banding,cm band at 282.2,minor diss po in hbl	292.00	294.00	2.00	5744	4	26	43	0.1	199	8.95	22	TRACE
		patches near top of section.Last hbl band 278.0'	294.00	296.00	2.00	5745	5	40	49	0.3	150	11.09	31	TRACE
		278.0-303.8 Banded mte-cht,garnet patches to 290.'	296.00	298.00	2.00	5746	4	36	50	0.2	162	11.62	29	TRACE
		Gradual change to diss mte 60%,with crenulated to cnt'd	298.00	300.00	2.00	5747	6	59	100	1.1	181	12.89	36	9
		foliation sections,garnet patches,minor hbl patches.	300.00	302.00	2.00	5748	7	30	92	0.6	280	10.22	18	TRACE
		Sections mass mte 298.0-300.0,sections .5' 280'-298.0	302.00	303.80	1.80	5749	23	26	140	0.3	408	9.62	10	TRACE
		plus traces po,fg diss,mm bands.	303.80	306.00	2.20	5750	71	26	219	0.2	353	9.19	14	5
		301.0-303.8 fg garnet gran.aggragates,poikiloblasts to cm	306.00	308.00	2.00	5751	180	29	320	0.6	291	10.07	19	TRACE
		to patches 40%,Traces pyrite,mm bands,po.	308.00	310.00	2.00	5752	24	28	166	0.5	263	9.79	16	TRACE
		303.8-315.5 Hbl rich sections to 1.',ct. margin with	310.00	312.00	2.00	5753	19	18	160	0.9	321	8.48	13	TRACE
		gabbro,minor garnet bands-2-.2' to 305.'	312.00	314.00	2.00	5754	142	16	126	0.5	259	7.82	10	TRACE
		305.0-313.0 hbl-cht-wkly,well banded,mte bands,diss 30%.	314.00	315.50	1.50	5755	120	5	140	0.3	203	5.47	17	TRACE
		Increase hbl to base of section.												
		313.0-315.5 Ct.margin Gabbro,hbl-ep patchey,banded,chert,												
		sections mte-hbl-cht banded												
		Mte <30%,sections to 50%.												
		Possible traces Zns in garnet agg.,fg .2' at 313.3.												
		Banded-diss mte-hbl-cht,plus hbl-ep-cht sections.												
		Po + py minor bands.												
		Sharp lower ct.,Gabbro.												
315.5	346.0	(GABBRO)	315.50	317.00	1.50	5756	5	5	57	0.1	226	2.11	4	TRACE
		Black-green,vfg gradational to fg.	317.00	346.00	29.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Uniform composition,massive to wkly foliated at 40 to CA..												
		Hbl-ep-qtz wk black-white speckled texture.												
		Minor fine qtz banding,x-banding.												
		Hbl shows fine lineation on fractures at 70 to CA.												
		Trace py,po,mte,bte in mm qtz x-band.												
		Minor ep-qtz-plag irregular stringers near 340.'												
		Slight increased grain size hbl grains near fractures at												
		40 to CA..												
		346.0 - (E.O.H.)												

CB38
CB39
CB40
CB41
CB42
200m
150m
102m
125m
150m
70m
48m
0
50
100
Scale: meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB039
Collar Eastings: 800.00
Collar Northings: -475.00
Collar Elevation: 0.00
Grid: Grid H

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 636.00 feet

Logged by: P. Barc
Date: Jan. 26-29, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	26.5	(CASING)
26.5	47.8	(GABBRO)
		Green-white speckled, medium grained to coarse grained.
		Weakly foliated at 20 to C.A.
		Qtz fine whitish bands, cross bands, 50% over top 5'of unit
		32.5 - Traces Cpy
		40.6 - 43.0 - Serpentinized bands, centered on .1' section
		schistoce, sheared, trace Cpy.
		45.0 - 47.8 - Serpentinized gabbro, Trace Py, Po.
47.8	57.2	(GABBRO-SILICIFIED)
		Qtz. 70%-Po15%-Cpy 5%, minor hornblende bands, cm patches,
		to 15%.
57.2	138.0	(BANDED IRON FORMATION)
		Inhomogenous unit; divided into sections - mineralogic
		Cherty sections, magnetite rich sections, hornblende + Po
		rich sections, trace Py, Cpy, Sphal.
		Generally cherty, magnetite, with lesser proportions of
		hornblende, epidote banding.
		Magnetite ranges to >50%, generally 10-15%, mm to .1' bands,
		rare 1' massive band.
		Garnets; concentrated in occassional sections as .2' bands,
		lenses to 20% fine to medium grain garnet.
		Po ranges to 15% over large sections, narrow section 25% Po.
		Banded on a mm to .1' scale, occassional 1' bands chert,
		magnetite, hornblende-epidote.
		Generally banded, foliated at 30 to C.A., sections contorted
		foliation. Boudinaged bands. Narrow sections foliated at
		0 to C.A.; folial folds.
		57.2 - 76.0 - Magnetite 50%, chert 30%, garnet 10% - .1'
		bands, Po 5% Massive magnetite bands to 1'.
		76.0 - 97.2 - Hornblende, epidote, plag. 40% bands, chert,
		magnetite, mm to 1' bands.
		Po 15%, 1-2' sections Po 25%.
		79.5 - 82.0 - Contorted foliation, massive magnetite 85%
		bands, trace Cpy in chert, hornblende-epidote-Po sections.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
0.00	32.00	32.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
32.00	36.50	4.50	5757	36	2	9	0.1	83	0.70	4	N.S.
36.50	41.00	4.50	5758	187	2	27	0.1	182	1.43	2	N.S.
41.00	43.50	2.50	5759	55	20	95	0.1	301	4.59	12	N.S.
43.50	46.00	2.50	5760	77	21	97	0.1	151	5.14	12	N.S.
46.00	47.80	1.80	5761	231	19	146	0.5	184	6.50	3	N.S.
47.80	49.80	2.00	5762	6610	11	128	11.6	131	6.88	24	N.S.
49.80	52.00	2.20	5763	1359	3	53	2.2	100	3.56	17	N.S.
52.00	54.60	2.60	5764	204	28	102	0.1	128	4.96	23	N.S.
54.60	56.20	1.60	5765	395	28	79	0.5	117	4.85	27	N.S.
56.20	57.20	1.00	5766	1450	21	56	1.3	260	9.23	40	113
57.20	59.00	1.80	5767	209	22	150	0.6	128	9.85	19	10
59.00	61.00	2.00	5768	51	17	58	0.2	134	9.06	20	TRACE
61.00	64.00	3.00	5769	27	19	46	0.1	114	9.28	25	24
64.00	66.00	2.00	5770	58	31	43	0.6	111	10.46	29	10
66.00	68.00	2.00	5771	101	26	44	0.4	112	9.94	24	TRACE
68.00	71.00	3.00	5772	178	23	52	0.6	127	9.99	21	36
71.00	73.60	2.60	5773	108	26	85	0.5	122	9.90	21	8
73.60	76.00	2.40	5774	37	15	117	0.3	252	8.41	14	TRACE
76.00	78.00	2.00	5775	408	14	212	0.5	119	8.99	12	24
78.00	80.10	2.10	5776	300	22	351	0.6	144	9.68	17	36
80.10	82.00	1.90	5777	67	31	627	0.3	158	10.64	21	10
82.00	84.00	2.00	5778	386	26	497	0.6	115	10.22	16	27
84.00	86.00	2.00	5779	36	15	367	0.2	93	8.81	9	TRACE
86.00	88.00	2.00	5780	88	17	310	2.2	114	9.13	13	TRACE
88.00	90.50	2.50	5781	442	14	1189	1.4	96	8.43	8	85
90.50	93.00	2.50	5782	345	32	579	1.3	182	11.02	17	10
93.00	96.00	3.00	5783	17	17	199	0.5	101	9.04	11	TRACE
96.00	98.30	2.30	5784	100	18	231	0.4	179	8.67	15	TRACE
98.30	102.00	3.70	5785	535	12	370	0.6	140	7.95	13	20
102.00	105.00	3.00	5786	663	17	447	0.6	150	9.29	14	69
105.00	108.00	3.00	5787	543	14	1106	0.7	177	8.41	11	71
108.00	111.00	3.00	5788	692	17	2111	0.9	166	8.87	12	85
111.00	114.00	3.00	5789	488	15	1374	0.8	225	8.52	12	46

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB039

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
							ASSAYS							
		80.7 - Sphal. trace in hornblende-epidote-plag bands in	114.00	117.00	3.00	5790	616	19	1273	0.7	210	9.24	12	64
		massive magnetite section.	117.00	120.00	3.00	5791	440	12	1086	0.8	217	8.10	15	41
		97.2 - 106.0 - 40% epidote-hornblende-plag, chert 20%,	120.00	122.50	2.50	5792	525	12	1198	0.6	177	7.70	13	95
		magnetite 25%, Po 15% in epidote/hornblende, chert bands.	122.50	124.00	1.50	5793	771	6	1267	10.0	140	7.13	12	373
		106.0 - 138.0 - Finely banded cherty, 60%, magnetite,	124.00	126.00	2.00	5794	457	5	336	0.5	190	6.61	54	50
		hornblende, Po 10%, minor garnetiferous bands 5' massive	126.00	129.00	3.00	5795	425	8	605	0.3	208	7.51	51	268
		magnetite bands.	129.00	131.00	2.00	5796	425	14	292	0.6	208	7.51	765	137
		123, 131,8 - Trace Cpy in Po .1' massive sulfide sections.	131.00	132.50	1.50	5797	655	16	497	0.6	174	8.91	28	277
		130.2 - Trace Aspy crystals.	132.50	134.00	1.50	5798	72	8	362	0.2	179	7.13	16	22
			134.00	136.00	2.00	5799	146	16	307	0.7	171	8.77	11	36
			136.00	138.00	2.00	5800	258	10	271	0.4	190	7.25	13	108
138.0	164.0	(AMPHIBOLITE BANDED, GARNETIFEROUS SECTIONS, CHERTY BANDS)	138.00	140.20	2.20	5801	290	4	348	0.1	352	4.76	7	298
		5% epidote-plag-quartz-Po traces bands, trace Cpy, Sphal.	140.20	145.00	4.80	5802	335	2	671	0.1	338	4.02	61	303
		Garnets irregularity distributed banding, minor	145.00	147.70	2.70	5803	175	2	319	0.1	341	3.82	112	97
		15% cherty bands; to .2', occassional 2' sections.	147.70	150.30	2.60	5804	5	N.S.	N.S.	N.S.	111	1.27	25	43
		Po banding irregularily distributed, to 10% over 2-5' sections	150.30	154.00	3.70	5805	363	10	226	0.3	500	6.44	14	656
		Magnetite minor interbands over 6' sections	154.00	156.50	2.50	5806	491	8	180	0.2	351	6.05	8	380
		Traces biotite banding	156.50	158.90	2.40	5807	314	4	15	0.1	264	4.96	18	146
		Generally well foliated, banded at 20 to C.A. Minor sections	158.90	161.70	2.80	5808	247	7	221	0.1	502	5.01	7	90
		contorted, boudinaged bands.	161.70	164.00	2.30	5809	10	8	53	0.1	187	0.92	9	10
		143.0 - 145.0 - Cherty, Po 10% in epidote-hornblende patches												
		150.2 - 156.0 - Garnet bands contorted foliation section,												
		amphibolite, eipdote-plag-quartz patches to .8', Po 10%;												
		bands to cm size.												
		155.4 - Trace Sphal. fine to medium grained blebs.												
		158.0 - 164.0 - Minor magnetite bands, biotite bands, garnet												
		bands. Minor Po, trace Cpy, trace fine grained Aspy in												
		epidote-quartz-plag sections - bands.												
164.0	165.6	(GABBRO)												
		Dike; very fine grain, black, uniform compilation, texture												
165.6	177.0	(AMPHIBOLITE BANDED, CHERTY BANDS, MAGNETITE)	164.00	166.00	2.00	5810	40	16	53	0.1	204	1.22	9	13
		Banded at 0 to C.A.	166.00	168.40	2.40	5811	448	2	125	0.1	358	5.79	6	83
		15% garnet, fine to coarse grained .2' bands; biotitic, at	168.40	171.40	3.00	5812	346	19	288	0.8	192	8.88	20	62
		base of unit 30% epidote-plag-quartz bands, lenses to 1.5',	171.40	174.50	3.10	5813	211	16	486	0.9	191	8.42	58	48
		Po traces to 30%. 10% magnetite bands to .5', sections 50%	174.50	177.00	2.50	5814	182	4	198	0.1	235	5.57	14	83
		magnetite banding. 40% cherty bands.												
		15% hornblende black cm bands.												
		5% Po; irregularily distributed												
177.0	194.8	(AMPHIBOLITE BANDED + GABBRO DIKES)	177.00	184.70	7.70	5815	144	4	281	0.1	261	3.34	9	N.S.
		Gabbro dikes; 2-5', within garnetiferous amphibolite banded	184.70	190.00	5.30	5816	200	14	275	0.1	363	NIL	15	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB039

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
							ASSAYS							
		Traces Po, Py in epidote-hornblende-plag lenses in amphib. banded. Garnets to 10%, medium grain, in .3' bands in amphib. banded sections.	190.00	194.70	4.70	5817	83	2	24	0.1	154	0.85	2	N.S.
194.8	454.0	(GABBRO) Very fine grained, black, hornblende rich, weakly foliated at 60 to C.A. Minor fine quartz bands, cross bands. Minor biotite on banded sections. .5' epidote-quartz-plag irregular oriented lenses. Traces pyrite. Minor garnite pegmatites; 2, 2', 1'. 296.0 - 310.0 - Fine to medium grained plag-hornbiende speckled, cross fractured. 448.0 - Trace Cpy in .2' epidote-plag band, pyrite.												
454.0	497.0	(AMPHIBOLITE) Pilloved metavolcanic. Very fine grained, green, black, occassional fine to medium grained plag phyric sections. 5% epidote-plag cm bands, biotite, garnet, bands; vide spaced. Minor fine quartz bands, cross bands. 485.5 - 497.0 - 2', 3' GRANITE PEGMATITE, coarse grained, Li-muscovite, trace garnet. 499.2 - Trace fine grained Cpy in late quartz cm lenses in amphibolite. 499.5 - 500.0 - Fine grained granite pegmatite.												
497.0	636.0	(GABBRO) Similar to previous Weak fine to medium grained speckled textured Well foliated at 60 to C. A. Occassional fine quartz bands, cross bands, sections 20% banding. Minor granite pegmatite sections. Li-muscovite, trace beryl 533.0 - 535.0 - Leuco granite, Li muscovite, trace beryl; fine grained green crystals. 620.5 - 622.3 - Granite pegmatite, coarse grained, garnets, trace fine grained grained crystals; beryl. 636.0 - EOH	194.70	636.00	441.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CB38
CB39
CB40
CB41
CB42
K 1108087
K 1108081
K 1108082
K 1108080
200m
150m
102m
125m
150m
70m
48m
0
50
100
Scale: meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB040
Collar Eastings: 900.00
Collar Northings: -550.00
Collar Elevation: 0.00
Grid: Grid H

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 386.00 feet

Logged by: P. Barc
Date: Jan. 29-30, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	13.2	(CASING)
13.2	166.7	(GABBRO) Green, black specked, whitish grey matrix; coarse grained hornblende-epidote-plag-quartz. Weak foliation 40 to CA. Hornblende poikiloblastic textured. Uniform composition and texture. Minor fracturing, cross fracturing white quartz coating. 25.0 - 26.8 Qtz-po .3 mm band, trace cpy 26.7 in gabbro. 54.0 - 54.4 section garnet fine to medium grained hbe-ep-qtz, assimilated xenoliths. 68.7 - 70.8 Coarse grained pegmatite, whitish, trace greenish grains; Be, garnet, li muscovite. 85.0 - 86.0 Late fractures 20 to CA, whitish quartz stained banding, black talcose coating. 100.0 Minor biotite banding, slight increase in quartz banding. Occassional fine grained hornblende bands. 104.8 - 106.7 Granitic pegmatite, coarse grained, white, similar to previous. 108.7 - 109.8 Granitic pegmatite, coarse grained, white. 114.3 - 115.5 2-12 inch dikes granitic pegmatite, biotite, finely banded gabbro. 100.0 - 116.0 Biotite banding, foliated 5a, granititic pegmatite in gabbro. 116.0 Medium to Fine grained, slight decreased grain size. 162.0 - 166.7 Altered, weakly silicified sections, pyrite in 1 inch quartz band, sharp contact with BIF.
166.7	197.5	(BANDED IRON FORMATION) - Weakly Po Mineralized Generally fine grained, white, black, green banded, mm scale Cherty Iron Formation, whitish bands, black-magnetite banding 30%, mm to cm bands, Epidote, hornblende greenish bands 15%. Occassional very fine grained garnet, reddish lenses, to 2cm. Occassional foliai folded sections, contorted foliation, boudinaged bands. Minor po, py in hornblende bands, to 15% of 1-2 ft sections, trace cpy near lower contact. Minor 1.5 ft foliated, aphitic fine grained pegmatite, pyrite margins. 166.7 - 169.0 Contorted foliation, 10-30% to C.A., quartz flooded top .5ft. pyrite, minor po; total 15%/2ft. Trace cpy;

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
						ASSAYS					
0.00	162.00	162.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
162.00	164.00	2.00	5829	12	6	132	0.2	150	3.76	8	169
164.00	166.60	2.60	5830	68	5	157	0.2	174	5.54	8	20
166.60	168.00	1.40	5831	271	2	62	0.4	140	10.67	TRACE	13
168.00	171.10	3.10	5832	45	3	53	0.5	273	11.97	2	5
171.10	174.00	2.90	5833	24	5	86	0.7	172	10.30	5	TRACE
174.00	177.00	3.00	5834	7	6	59	0.5	179	13.05	3	TRACE
177.00	180.00	3.00	5835	70	7	110	0.6	180	12.77	TRACE	TRACE
180.00	181.40	1.40	5836	12	6	137	0.8	408	17.03	TRACE	TRACE
181.40	183.00	1.60	5837	113	18	131	0.9	335	6.24	7	13
183.00	185.00	2.00	5838	668	11	362	1.6	365	16.95	TRACE	57
185.00	188.00	3.00	5839	620	TRACE	347	0.2	235	15.50	TRACE	162
188.00	191.00	3.00	5840	270	TRACE	313	0.9	355	14.64	TRACE	118
191.00	194.00	3.00	5841	459	6	366	1.4	504	16.98	TRACE	69
194.00	197.00	3.00	5842	1200	TRACE	380	3.0	590	14.72	3	104

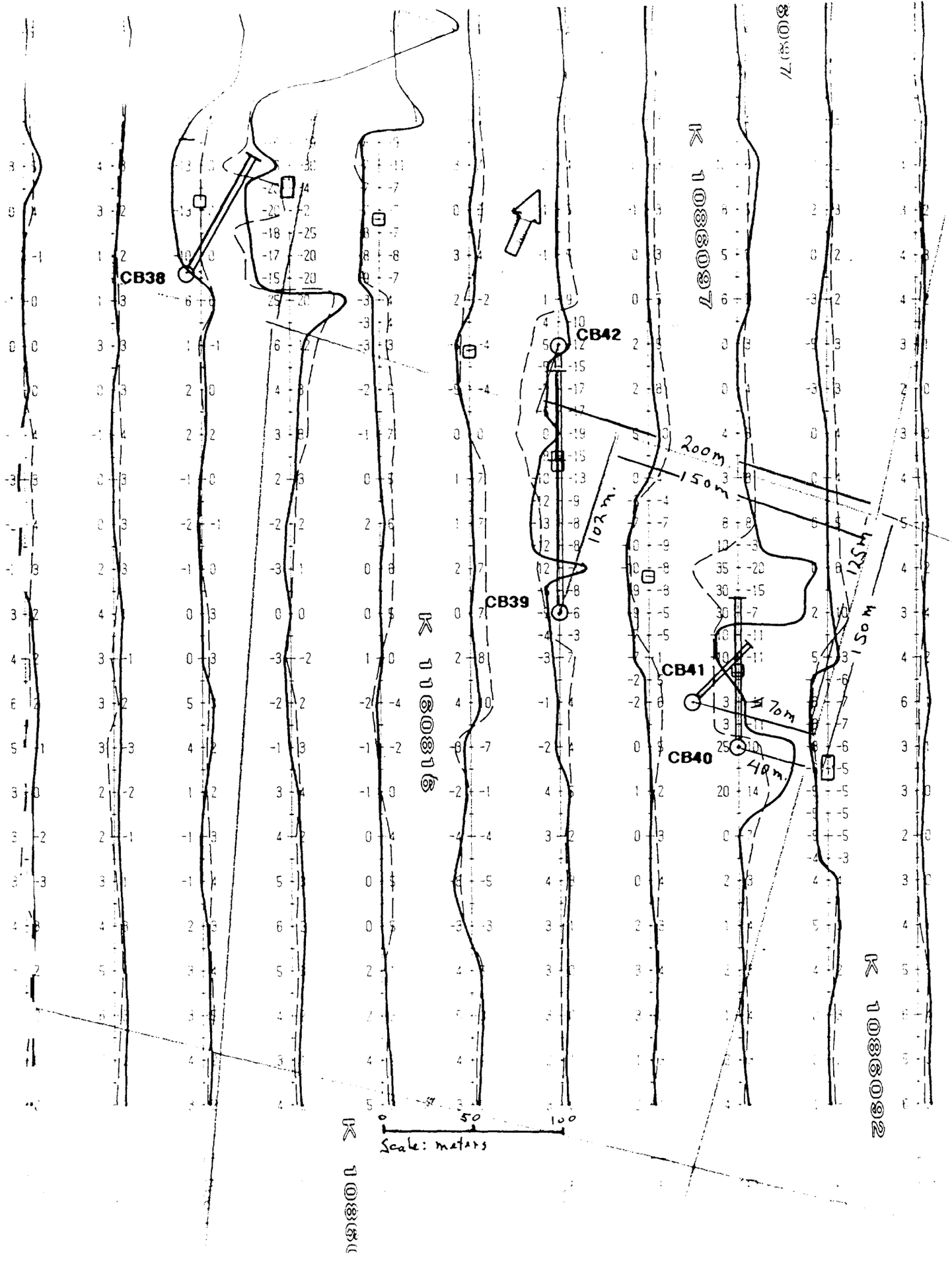
CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB040

FROM	TO	LITHOLOGICAL DESCRIPTION
		fine blebs in silicious section. 166.7 - 183.5 Chert-magnetite banded. 183.5 - 189.0 Po in hornblende bands 15% in chert-magnetite-hornblende schist. 183.0 - 196.0 Hornblende-po>>chert-magnetite bands 189.0 - 197.5 Chert, minor magnetite, hornblende, fine grained po 20%. 196.0 - 197.5 Chert-magnetite-hornblende, minor po.
197.5	386.0	(AMPHIBOLITE - BIOTITE BANDED) Pillowed mafic volcanic. Greenish, pale sections, fine grained weak plag fine to medium grained phyric narrow sections; core pillow <1ft-3-4ft separaation of occassional biotite banded cm to .2ft sections; pillow selvages, +/- fine grained garnet. Occassional fine quartz bands, cross bands. Weak foliation at 60 to C.A. Occassional quartz-epidote-pyrite lenses, irregular patches, .3ft, +/- fine grained garnet. 196.0 - 211.0 Altered pillows, quartz, +/- po, py flooded sections, +/- cpy. 196.0 - 197.5 Hornblende-chert-magnetite, po 20% foliai flooded on a 1ft scale. 197.5 - 211.0 Po in hornblende pyrite?, lenses, bands, with intersecting veining bands of hornblende, with biotite to .2' bands. Patchy textured sections, gradual decrease in hornblende-epidote-pyrite patches + po, 20% po to 206.0. 206.0 - 211.0 Biotite banding, 211.0 - 211.5 Lenses coarse grained hornblende-epidote-quartz-plag, po 20%. 235.0 236.0 Po 10% cement in brecciated amphibolite-pillowed selvage area. 241.5 - 242.3 Quartz-plag-epidote-po 15% lenses, trace cpy.
	386.0 - E.O.H.	

ASSAYS											
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
197.00	200.00	3.00	5843	669	TRACE	111	2.1	316	10.23	8	N.S.
200.00	202.80	2.80	5844	858	2	703	2.1	998	10.43	6	N.S.
202.80	206.00	3.20	5845	516	2	258	1.1	668	6.55	16	N.S.
206.00	209.00	3.00	5846	49	6	86	0.5	375	2.18	13	N.S.
209.00	211.00	2.00	5847	115	9	65	0.4	385	2.07	7	N.S.
211.00	386.00	175.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.


K 1080816
K 1080817
K 1080818
K 1080819
K 1080820
K 1080821
CB38
CB39
CB40
CB41
CB42
102 m.
200m
150m
125m
150m
70m
40m
0
50
100
Scale: meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB041
Collar Eastings: 875.00
Collar Northings: -525.00
Collar Elevation: 0.00
Grid: Grid H

Collar Inclination: -45.00
Grid Bearing: 45.00
Final Depth: 206.00 feet

Logged by: P. Barc
Date: Jan. 31 - Feb. 1, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	23.0	(CASING)
23.0	39.6	(GABBRO)
		Fine to medium grained, foliated at 60 to C.A.
		Slight decrease in grain size to 38.0
		38.0 - 39.6 *Hornblend schist.*
39.6	42.0	(GABBRO) - Silicified
		80% *whitish quartz, minor green mm bands hornblende* -
		especially near top contact; vuggy py bands, up to 3 cm,
		5-10% po. 5-10% magnetite, cm lenses near top contact.
		39.6 - 40.3 *Minor po py, black hornblende*
		40.3 - 41.5 Quartz, minor mm bands py po.
		41.5 - 42.5 Quartz, black hornblends, 15% po, trace py.
		garnet-hornblends-magnetite in cm bands and lenses at
		base of section.
42.0	121.2	(BANDED IRON FORMATION)
		Banded chert-magnetite, variable proportions, minor green
		hornblende, irregularly distributed garnetiferous sections,
		weakly boundinaged sections, generally finely banded at
		70 to C.A.
		Top 1/3 - chert-magnetite, 5-10% po sections.
		Mid 1/3 - chert-magnetite-garnet and serpentine-hornblende
		sections, sections of contorted banding.
		Lower 1/3 - magnetite rich, minor py and po.
		42.0 - 51.5 White, black and green banded.
		Top 1/3 - 60% chert, 30% magnetite in mm to cm bands,
		occassional hornblende bands up to 5 cm, minor fine grained
		aggregates of garnet increasing to 5% down hole.
		49.0 - 50.0 Well foliated and banded, trace cpy
		51.5 - 70.3 60% magnetite, 30% chert, 10%-20% epidote-horn-
		biende garnet bands, traces po & cpy
		58.2 - 5% cpy over cpy
		56.0 - 57.0 Traces cpy
		54.0 - 70.3 Contorted foliation at 0 to 90 to C.A. in sections
		section of drag folding & boudinaged lenses.
		70.3 - 78.0 3.0 ft. serpentine schist changing to hornblende-
		serpentine schist, sharp contacts, possible dike.
		75.2 - 75.8 Late quartz vein, minor py, serpentine schist at

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
						ASSAYS					
0.00	38.50	38.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
38.50	39.60	1.10	5848	59	3	121	0.4	622	4.66	2	6
39.60	42.00	2.40	5849	403	4	60	0.2	178	7.69	6	15
42.00	45.00	3.00	5850	605	2	221	0.6	265	16.42	TRACE	28
45.00	48.00	3.00	5851	394	TRACE	109	0.1	212	13.28	TRACE	13
48.00	50.00	2.00	5852	216	2	110	0.4	171	16.33	TRACE	TRACE
50.00	52.00	2.00	5853	125	5	141	0.2	171	16.96	4	TRACE
52.00	54.00	2.00	5854	443	8	137	1.5	166	22.89	6	8
54.00	56.00	2.00	5855	521	6	110	0.7	120	19.92	TRACE	6
56.00	58.00	2.00	5856	1034	8	167	1.4	126	21.78	TRACE	13
58.00	60.00	2.00	5857	1296	TRACE	112	1.3	115	17.51	TRACE	6
60.00	62.00	2.00	5858	106	TRACE	68	0.2	212	14.31	2	TRACE
62.00	64.00	2.00	5859	311	TRACE	50	0.2	219	13.77	6	26
64.00	66.00	2.00	5860	242	4	66	0.5	189	17.80	4	TRACE
66.00	68.00	2.00	5861	404	6	86	0.6	160	19.42	TRACE	13
68.00	70.30	2.30	5862	400	3	73	0.5	215	17.17	TRACE	8
70.30	74.00	3.70	5863	136	TRACE	227	0.2	1006	11.53	2	TRACE
74.00	76.00	2.00	5864	16	2	20	0.2	177	1.46	10	TRACE
76.00	78.00	2.00	5865	26	3	98	0.2	622	6.16	8	TRACE
78.00	80.00	2.00	5866	397	4	75	0.4	245	15.32	TRACE	TRACE
80.00	82.00	2.00	5867	271	4	52	0.4	142	18.47	TRACE	TRACE
82.00	84.20	2.20	5868	437	6	57	0.8	136	20.44	TRACE	6
84.20	86.00	1.80	5869	73	TRACE	64	0.2	130	15.96	TRACE	TRACE
86.00	88.20	2.20	5870	642	4	64	0.9	115	17.11	2	10
88.20	90.00	1.80	5871	56	3	69	0.2	169	13.62	7	TRACE
90.00	92.00	2.00	5872	36	10	45	0.6	124	21.36	3	TRACE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB041

FROM	TO	LITHOLOGICAL DESCRIPTION
		top and lower margin.
		78.0 - 121.2 BIF, minor garnetiferous bands overall 5%
		sulfides with 10-20% over cm sections.
		78.0 - 104.0 Magnetite-chert-garnet banded, boudinaged, minor
		po, 5-10% py over cm section, 2 ft. band of massive magnetite
		section of magnetite-chert-speckled and recrystallized, 15%
		py concentrated in garnet-hornblende patches.
		78.6 - 82.2 Traces cpy in mm streaks in magnetite lenses
		78.0 - 92.0 5% py, minor po traces cpy
		92.0 - 104.0 Speckled magnetite-chert, 1-2 ft. band
		104.0 - 121.2 Banded, 30% green-black hornblende, mm to cm
		30% chert, 30% magnetite, minor garnets generally finer
		banding than previous BIF, minor sections with control
		foliation
		119.0 Traces cpy.
		119.0 - 121.0 Braided garnet-chert schist 30% po weak
		mylanitic texture.
		121.0 - 121.2 10% fine mm bands py, garnet-biotite schist
		at contact, 30% py po, minor bands very fine grained
		hornblende
121.0	140.0	(GABBRO)
		Speckled green & white, medium grained minor py-po-qtz
		banding at upper contact.
		130.0 - 140.0 Minor qtz-py banding.
140.0	206.0	(AMPHIBOLITE)
		Generally pale green, very fine grained massive to possibly
		pilloved sections, occassional plag phyric sections, minor
		biotite bands weakly foliated at 70 to C.A.
		140.0 - 141.4 20% py, 5% po with quartz, banded
		15.0 - 157.0 Pilloved texture
		141.4 - 152.0 Possibly fine grained gabbro
		152.0 Irregular .5 ft patches of epidote-plag, 10-15% white
		quartz bands, weak plag phyric sections at 1 to 2 ft. spacing
		190.0 - 192.3 Gabbro dike, speckled, fine to medium grained
		hornblende phyric.
		206.0 - E.O.H.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
92.00	94.00	2.00	5873	5	3	26	0.1	119	15.94	9	TRACE
94.00	96.00	2.00	5874	7	12	44	0.9	80	25.01	TRACE	TRACE
96.00	98.00	2.00	5875	16	8	33	0.6	135	18.84	13	6
98.00	100.00	2.00	5876	57	7	52	0.9	65	21.97	TRACE	TRACE
100.00	102.00	2.00	5877	111	4	132	0.5	115	23.68	TRACE	TRACE
102.00	104.00	2.00	5878	25	TRACE	115	0.2	127	20.07	TRACE	TRACE
104.00	106.00	2.00	5879	449	2	1405	0.2	168	13.10	2	26
106.00	108.00	2.00	5880	78	6	581	0.6	165	18.59	TRACE	TRACE
108.00	110.00	2.00	5881	299	4	1429	0.9	197	16.30	2	8
110.00	112.00	2.00	5882	401	TRACE	1104	0.7	215	12.20	12	38
112.00	115.00	3.00	5883	752	3	2238	1.4	243	13.56	15	92
115.00	117.00	2.00	5884	277	2	991	0.8	274	14.15	20	116
117.00	119.00	2.00	5885	826	3	1751	1.3	265	12.26	4	206
119.00	121.60	2.60	5886	626	TRACE	1265	0.8	269	15.41	5	64
121.60	131.00	9.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
131.00	133.00	2.00	5887	434	6	949	0.8	294	5.74	10	N.S.
133.00	206.00	73.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CB38
CB39
CB40
CB41
CB42
K 1080816
K 1080817
K 1080818
K 1080819
K 1080820
K 1080821
200m
150m
102m.
125m
150m
70m
48m.
0
50
100
Scale: meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB042
Collar Eastings: 800.00
Collar Northings: -325.00
Collar Elevation: 0.00
Grid: Grid H

Collar Inclination: -45.00
Grid Bearing: 180.00
Final Depth: 296.00 feet

Logged by: P. Barc
Date: Feb. 1-2, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
0.0	17.0	(CASING)												
17.0	89.3	(AMPHIBOLITE) Pillowed metavolcanic Fine grained, foliated at 70 to C.A.; minor epidote-plag bands, bitote cm bands, wide spaced. Minor quartz cm banding. Traces Py, Po. Minor, 1' granite-pegmatite section. 56.5 Trace Cpy in Po .1' band in beige-green epidote altered lense. 67.0 Po 2cm late band.												
89.3	99.5	(GRANITE PEGMATITE) Medium to coarse grained, Lis muscovite. Minor garnets. 2' biotite rich assimilated xenoliths.												
99.5	143.0	(AMPHIBOLITE) Similar to previous.	0.00	143.00	143.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
143.0	262.0	(BANDED IRON FORMATION) Chert 50%, Hbl 20%, magnetite 15%, mm to cm bands, magnetite more abundant towards 262. Occassional pale-green-beige epidote rich bands. Po 5-10% as fine grained, mm laminations and as cement in brecciated contorted banded iron formation sections. Garnets 5% as irregularily distributed cm to .2' bands, to 60% garnet. Minor Py. Trace Cpy 175.5, fine grained biebs in Po bands foliation; generally well foliated finely banded at 40 to C.A. Sections contorted foliation, drag folds on a 1-2' scale. Gabbro; 2-8' sections. 198.0 Traces Cpy; fine streaks 199.0 - 200.7 Quartz flooded; quartz, hbl, epidote, plag banding. Gabbro altered. 200.7 - 209.4 Gabbro 209.4 - 217.9 Po increase to 35% of 1-2' sections Garnet increase to 15%, to 60%/1' sections, magnetite 5%. 211. - 212.0 Garnet 60%, fine to coarse grained. 215.0 Py, trace, Cpy. 217.9 - 226.0 Gabbro, minor quartz cross bands, bands at 0-10 to C.A. 226.0 - 262.0 Po 5-10%	143.00 146.00 149.00 152.30 156.00 160.00 163.00 166.00 169.00 171.30 175.00 178.00 181.00 183.50 185.00 187.60 189.00 191.60 194.00 196.00 198.30 200.60	146.00 149.00 152.30 156.00 160.00 163.00 166.00 169.00 171.30 175.00 178.00 181.00 183.50 185.00 187.60 189.00 191.60 194.00 196.00 198.30 200.60 209.40	3.00 3.00 3.30 3.70 4.00 3.00 3.00 3.00 2.30 3.70 3.00 3.00 2.50 1.50 2.60 1.40 2.60 2.40 2.00 2.30 2.30 8.80	5963 5964 5965 5966 5967 5968 5969 5970 5971 5972 5973 5974 5975 5976 5977 5978 5979 5980 5981 5982 5983 N.S.	596 625 565 652 473 543 351 636 790 816 988 635 416 206 536 650 432 670 362 920 203 N.S.	4 6 TRACE 4 TRACE TRACE 6 9 TRACE 6 3 TRACE 2 TRACE TRACE TRACE TRACE TRACE 4 6 7 N.S.	862 2767 964 1058 880 1364 1328 1441 834 356 663 848 487 461 535 1126 1431 1322 2543 3619 746 N.S.	1.0 1.1 1.0 1.0 0.4 0.7 0.6 0.6 1.1 0.6 0.6 0.2 0.2 TRACE 0.2 0.1 0.1 TRACE 0.2 0.7 0.5 N.S.	149 121 139 110 125 144 120 140 112 164 167 176 179 302 220 175 192 300 269 210 115 N.S.	10.64 8.00 7.77 9.77 9.59 9.01 9.98 10.58 8.87 8.76 10.06 9.53 9.78 4.81 9.43 9.47 8.65 5.57 5.49 6.99 3.18 N.S.	1382 81 32 15 16 12 5 TRACE TRACE 11 5 TRACE TRACE 3 TRACE 2 10 9 14 8 14 N.S.	83 15 15 36 20 25 20 27 9 34 27 86 45 34 38 45 124 67 45 86 6 N.S.

CHAMPION BEAR RESOURCES LTD.

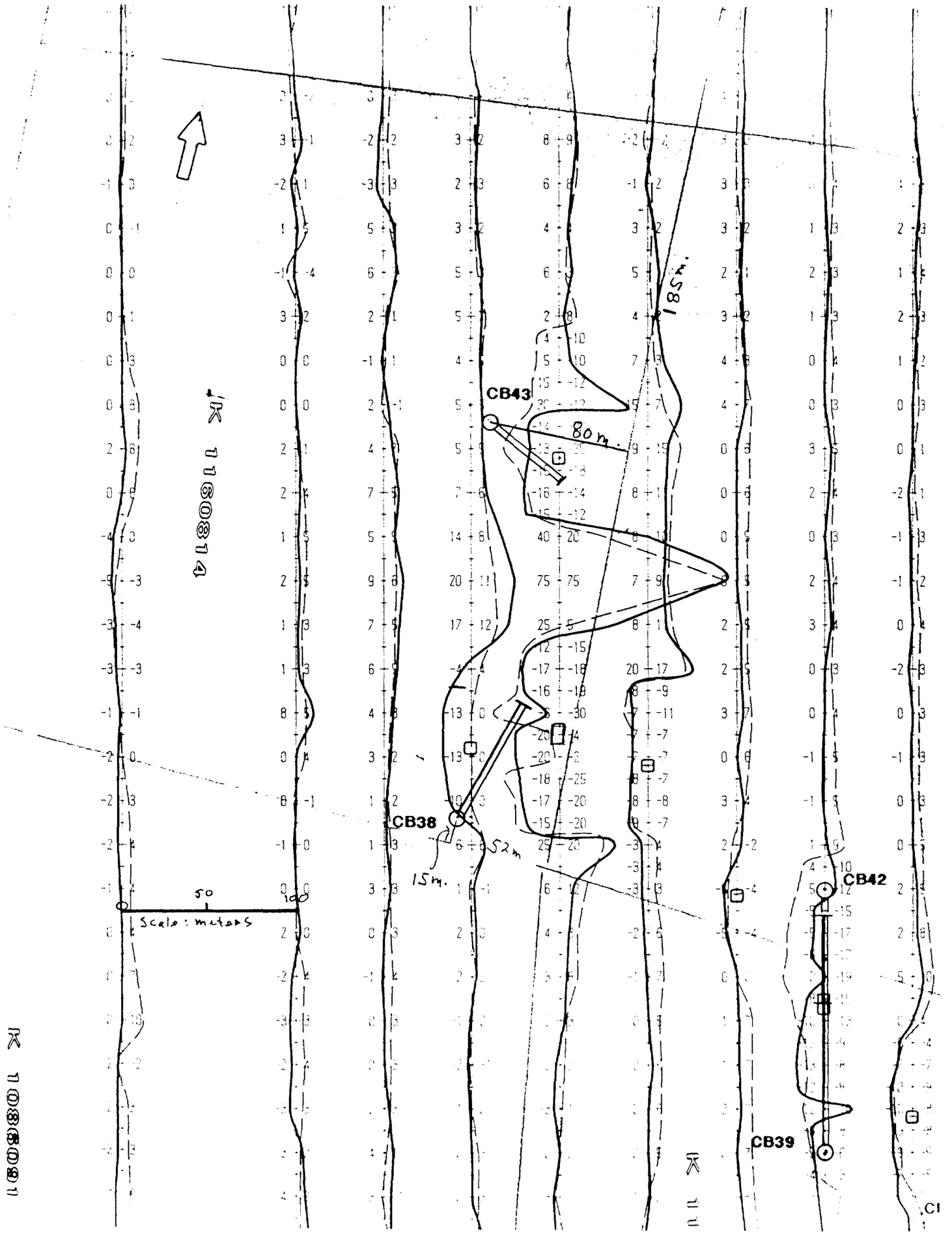
DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB042

FROM	TO	LITHOLOGICAL DESCRIPTION
		Cpy calma streaks in Po bands, contorted foliation, minor banded sections. 236.0 - 240.0 Chety, hbl sections, Po 15%, trace Cpy 237 + 238. in Po bands. 240.0 - 246.0 Trace Zns in Po lenses, bands. 247.1 Cpy; 5%/cm bands.
262.0	296.0	(AMPHIBOLITE) Pilloved magnetite voicanic. Pale green coloured, fine grained. Minor weakly plag medium grained phyric sections. 2% epidote-plag lenses to .1', minor biotite cm bands, traces garnets; minor quartz bands. Weakly foliated at 70 to C.A. 263.5 - 265.0 Epidote-Po-Quartz patches, bands, Po fine grained disseminated 20%. 296.0 EOH

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
209.40	211.40	2.00	5984	701	5	943	0.9	161	10.92	TRACE	51
211.40	214.00	2.60	5985	692	9	698	1.0	140	11.39	TRACE	15
214.00	216.00	2.00	5986	933	TRACE	1028	0.9	79	9.55	7	31
216.00	217.90	1.90	5987	546	TRACE	1337	0.8	118	9.80	TRACE	22
217.90	226.00	8.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
226.00	228.00	2.00	5988	476	8	931	0.7	92	9.91	TRACE	22
228.00	231.00	3.00	5989	592	4	991	0.5	162	10.55	TRACE	41
231.00	234.00	3.00	5990	476	TRACE	1519	0.9	125	8.16	TRACE	29
234.00	236.00	2.00	5991	927	TRACE	3676	0.5	193	9.52	TRACE	45
236.00	238.00	2.00	5992	1001	TRACE	2322	0.2	164	9.62	20	119
238.00	240.00	2.00	5993	801	3	1839	0.8	151	8.71	23	36
240.00	242.00	2.00	5994	651	TRACE	4232	TRACE	254	9.86	441	115
242.00	244.00	2.00	5995	550	5	2648	1.5	243	9.73	514	687
244.00	246.00	2.00	5996	647	5	2163	0.4	178	7.67	166	47
246.00	248.00	2.00	5997	593	5	1744	0.7	212	14.17	256	178
248.00	250.00	2.00	5998	580	7	1990	1.3	164	10.69	13	25
250.00	253.00	3.00	5999	480	3	2052	1.3	134	11.12	175	22
253.00	256.00	3.00	6000	384	6	1577	0.3	126	10.36	TRACE	90
256.00	259.00	3.00	5001	270	TRACE	744	0.2	188	11.51	TRACE	85
259.00	262.00	3.00	5002	282	11	243	0.4	197	9.54	34	85
262.00	265.00	3.00	5003	428	15	96	0.6	281	4.90	22	15
265.00	296.00	31.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.


CB43
CB38
CB42
CB39
185m.
80m.
52m
15m.
50
100
Scale : meters
PK 1180814
PK 1180801
CI

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB043
Collar Eastings: 600.00
Collar Northings: -50.00
Collar Elevation: 0.00
Grid: Grid H

Collar Inclination: -45.00
Grid Bearing: 130.00
Final Depth: 236.00 feet

Logged by: P. Barc
Date: Feb. 3-4, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	10.0	(CASING)
10.0	86.0	(AMPHIBOLITE) Pillowed metavolcanic. Minor biotite, quartz, epidote-plag +/- Po cm bands. Occassional plag speckled sections. Foliated at 70 to C.A. 72.0 - 73.0 Quartz-biotite-hornblende schist, trace Py, Po.
86.0	121.5	(BANDED IRON FORMATION) White, green cm banded, generally chert, hornblende, epidote, with various concentrations of magnetite, Po,5-30%. Narrow sections magnetite rich to 60%. Minor quartz veined flooded sections. Traces garnets in sections, magnetite rich. Generally finely banded at 80 to C.A. 86.0 - 93.0 Magnetite 15%, Po 5%, trace garnets. 93.0 - 99.0 Quartz flooded, 3 to 1.5' veins, Po to 25%/1'. Trace Py to 259./1'. 99.0 - 120.3 Magnetite 60%, Po 5%, trace Py. Brecciated cherty bands. 99.0 - 104.0 Contorted foliation, 0 to C.A. Magnetite 50%. 101.5 - 103.0 Po 30% cemented in brecciated magnetite-chert section. 120.3 - 121.5 Po 30%, brecciated banded iron formation, minor magnetite, trace Py, Cpy.
121.5	143.1	(AMPHIBOLITE, SILICIFIED, WEAK PO MINERALIZED SECTIONS) Quartz veining; .2 to 1' in hornblende, epidote, plag trace garnet banded amphibolite, Po to 15%. Various Po content, trace to 15%. Traces Py, Cpy. Foliated 50-80 to C.A. 121.5 - 125.5 Quartz vien, trace Po, Py, Cpy. 121.9 Trace Cpy in Po mm bands. 131.0 - 140.0 Quartz viening, Po to 15%, in vien, amphibolite banded. Weak brecciated textured.
143.1	236.0	(AMPHIBOLITE) Pillowed volcanic. Epidote-plag trace Po, trace garnet lenses minor biotite cm bands. Total 5% of unit. Minor quartz, serpentine mm bands, cross bands. Weak, minor plag phyric sections.

ASSAYS

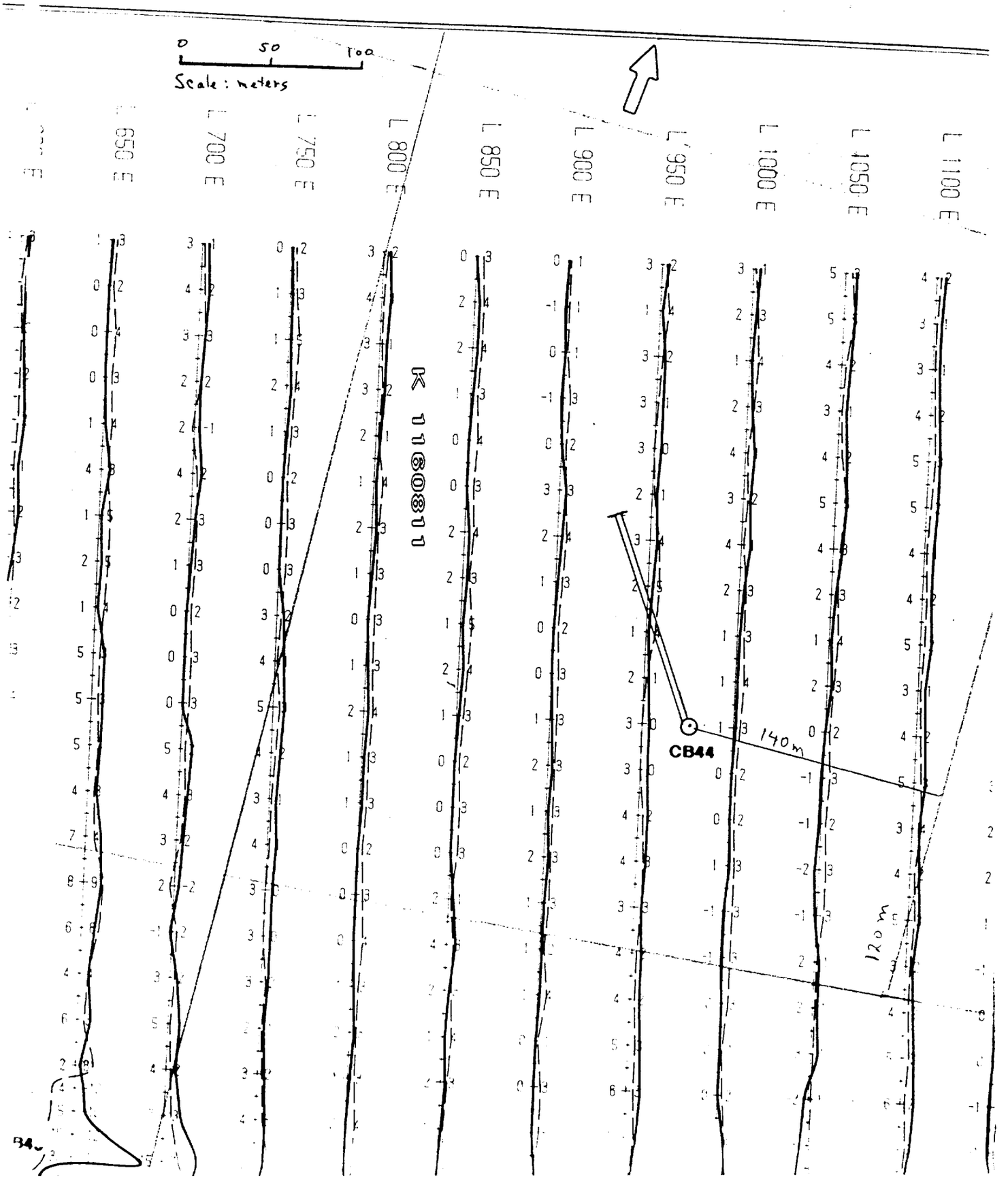
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
0.00	86.00	86.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
86.00	90.00	4.00	5004	352	15	205	0.2	176	10.44	TRACE	TRACE
90.00	93.00	3.00	5005	427	2	259	0.1	198	12.11	TRACE	TRACE
93.00	94.00	1.00	5006	492	7	117	0.6	172	12.82	TRACE	13
94.00	96.30	2.30	5007	405	10	283	0.6	454	10.82	TRACE	15
96.30	99.10	2.80	5008	493	23	309	1.1	664	14.44	5	35
99.10	101.30	2.20	5009	239	10	149	0.3	130	12.52	TRACE	TRACE
101.30	103.00	1.70	5010	553	9	64	1.3	100	18.10	TRACE	15
103.00	106.00	3.00	5011	128	6	80	0.1	108	14.08	TRACE	TRACE
106.00	109.80	3.80	5012	35	3	109	0.1	84	9.85	TRACE	TRACE
109.80	113.00	3.20	5013	80	8	80	0.5	116	15.00	TRACE	TRACE
113.00	116.00	3.00	5014	138	TRACE	86	0.5	102	15.64	TRACE	TRACE
116.00	119.00	3.00	5015	55	4	92	0.5	97	14.74	TRACE	TRACE
119.00	120.30	1.30	5016	115	4	150	0.9	152	17.15	TRACE	TRACE
120.30	121.50	1.20	5017	924	5	104	1.5	216	15.33	TRACE	TRACE
121.50	123.00	1.50	5018	219	8	77	0.1	289	4.50	10	TRACE
123.00	125.50	2.50	5019	82	3	32	0.2	182	1.97	TRACE	TRACE
125.50	128.00	2.50	5020	62	TRACE	89	TRACE	443	3.30	11	TRACE
128.00	131.00	3.00	5021	557	10	82	0.1	595	8.14	8	57
131.00	134.00	3.00	5022	494	8	73	TRACE	325	6.49	5	10
134.00	137.00	3.00	5023	438	6	55	0.1	258	7.09	3	TRACE
137.00	140.00	3.00	5024	223	6	28	TRACE	187	3.14	23	TRACE
140.00	143.10	3.10	5025	268	3	85	TRACE	483	3.52	13	TRACE
143.10	236.00	92.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB043

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	ASSAYS Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
		236.0 EOH												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L 700 E
L 750 E
L 800 E
L 850 E
L 900 E
L 950 E
L 1000 E
L 1050 E
L 1100 E
K 11808 11
CB44
140m
120m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB044
Collar Eastings: 975.00
Collar Northings: 0.00
Collar Elevation: 0.00
Grid: Grid H

Collar Inclination: -45.00
Grid Bearing: 340.00
Final Depth: 566.00 feet

Logged by: P. Barc
Date: Feb. 5-7, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
									ASSAYS					
0.0	14.0	(CASING)												
14.0	56.5	(GABBRO) Green, white fine to medium grained, weak hornblende-plag speckled textured, uniform Well foliated at 30-40 to C.A. Minor biotite bands -2- cm sections. Minor occassional fine quartz bands, cross bands, to cm size No visible sulfide.												
56.5	65.0	(GRANITE PEGMATITE) Pink, coarse grained, fine grained sections, biotite, weak graphic textured sections. No visible sulfide. 171.0 - 181.5 - 5% quartz banding, no visible sulfide.												
65.0	188.8	(GABBRO) Similar to previous section Minor quartz bands, cross bands Traces biotite, cm lenses. Occassional traces Cpy, Po in epidote-plag occassional lenses 86-96, 103 + 119.6'. Bluish, white coatings on cross fractures.	0.00	186.00	186.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
188.8	197.6	(BANDED IRON FORMATION) Inhomogenous unit. Generally cherty, minor sections magnetite rich, to >20%. Whitish, green, black banded on a cm scale at 35 to C.A. Hornblende, epidote + Po, minor magnetite. Chert 60% bands up to 1', hornblende 20%, magnetite 15%, Po + epidote 5%. Po Disseminated in epidote bands, patches. Minor pyrite, Po also as mm bands in hornblende-magnetite banded sections. Minor fine to coarse grained garnet-hornblende bands, pyrite, Po traces Sphal.,.2' banded sections. Brecciated, mylonitic textured near lower margin, pyrite mineralized, 20%/1'. Total sulfides 5%; Po, minor pyrite, trace Sphal., Cpy. 192.0 - Trace Sphal. Po 15%, Py 10% in garnet band. 194.5 - Trace Cpy in Po band. 197.0 - 197.6 - Brecciated, weak mylonitic textured, contorted foliation, quartz, Po, Py rimmed clasts, Sphal.	186.00 189.00 190.70 192.00 194.70	189.00 190.70 192.00 194.70 196.60	3.00 1.70 1.30 2.70 1.90	5057 5058 5059 5060 5061	63 121 199 184 326	5 TRACE 5 2 3	117 198 1225 560 253	0.1 TRACE 0.1 0.6 0.9	176 242 339 290 169	2.21 11.25 12.93 11.39 14.03	12 TRACE TRACE TRACE TRACE	TRACE TRACE 11 6 TRACE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB044

FROM	TO	LITHOLOGICAL DESCRIPTION
		Traces Cpy.
197.6	208.0	(GABBRO) Fine grain, dark green, black, hornblende speckled 20% quartz mm to cm banding. Fractures, whitish, bluish clayey coatings. Foliated at 30 to C.A. Biotite-quartz banding to 1.5' Traces biotite banding.
208.0	242.7	(BANDED IRON FORMATION) Inhomogenous composition; similar to previous unit; divided into sections. Generally cherty, with epidote, hornblende banding, minor Po, Py banding. Narrow section magnetite rich. 208.0 - 213.6 - Cherty, minor hornblende, epidote bands, traces magnetite. Po, Py 5%, 1'-3' sections Po 20%, mm bands. 213.6 - 222.0 - Magnetite 25%, to 50%/6', cm to .3' bands. Epidote-hornblende 20%, chert. Minor Po in epidote bands. 222.0- 230.5 - Chert hornblende, epidote banded, minor magnetite, Po banding contorted banding, brecciated minor section 12'. Occassional garnets in hornblende bands .2 sections. 229.0 - 230.0 - Quartz late mm to cm banding, Po, Py, Sphal. 1%/.5'. 230.0 - 236.0 - Chert-hornblende, Po + Py 5-10%, minor magnetite, garnet bands. 236.0 - 242.7 - Hornblende rich chert, minor magnetite rich 2' section, Po 5% total Po to 10% in brecciated chert-hornbiende banded section. Altered silificied amphibolite.
242.2	254.0	(AMPHIBOLITE) Pillowed metavolcanic. 15% wide spaced epidote-plag cm banding. Well foliated, sections very fine grain, massive textured Weak fine grain plag phyric narrow section No visible sulfide.
254.0	416.4	(GABBRO) Greenish white, very fine grain, change to fine grain, speckled texture. Foliated at 60 to C.A. Plag phyric section. Quartz fine banding near margins of unit minor epidote-plag-quartz bands to 1'.

ASSAYS

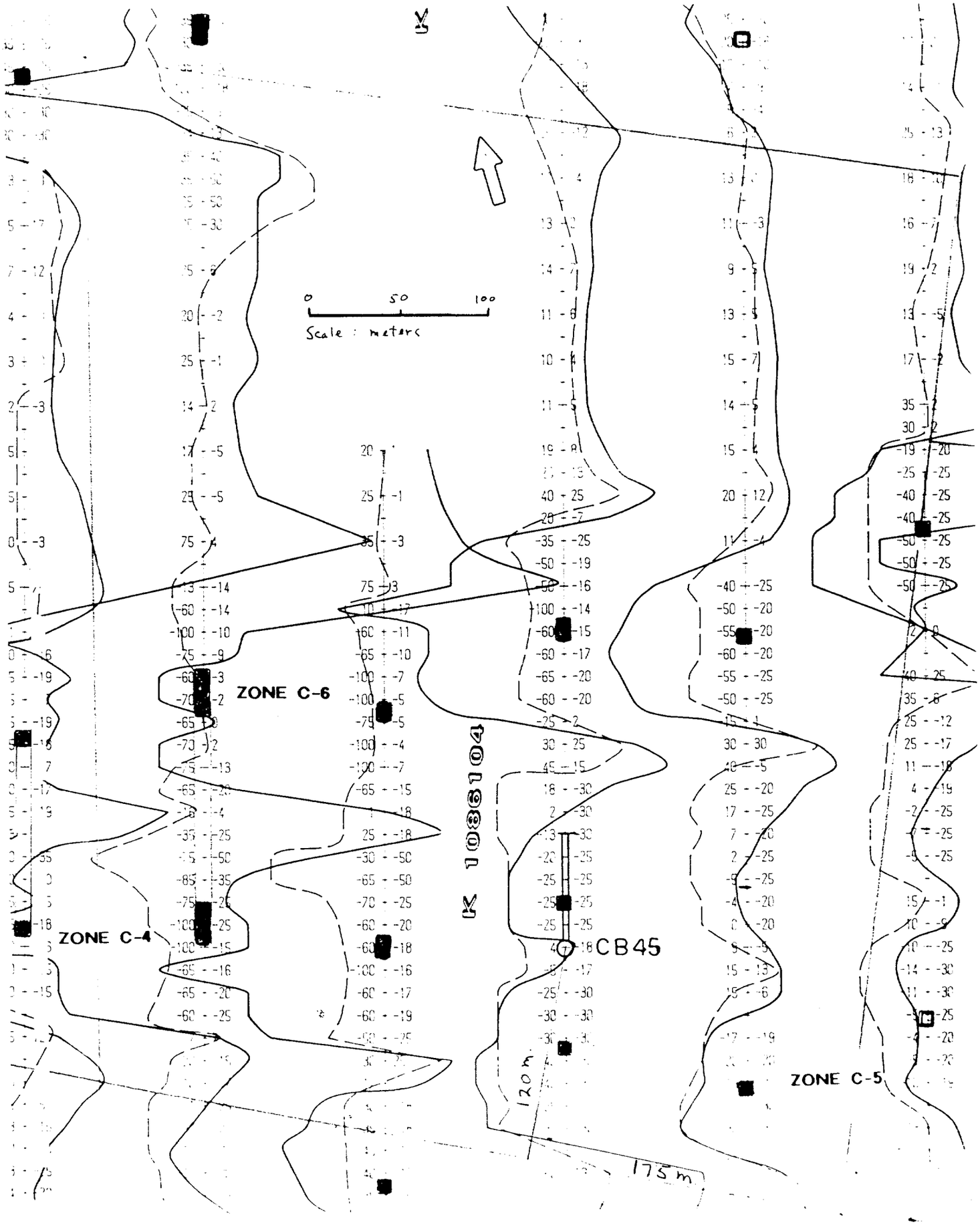
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
196.60	198.00	1.40	5062	456	2	288	0.5	352	8.57	5	TRACE
198.00	199.00	1.00	5063	33	8	229	0.2	440	5.00	10	TRACE
199.00	208.00	9.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
208.00	210.00	2.00	5064	290	8	98	1.2	259	17.10	TRACE	6
210.00	212.00	2.00	5065	216	3	130	0.8	231	14.89	TRACE	9
212.00	213.60	1.60	5066	276	2	155	0.9	241	15.96	TRACE	6
213.60	216.00	2.40	5067	135	4	128	0.9	140	17.30	TRACE	TRACE
216.00	218.00	2.00	5068	31	8	49	0.6	105	15.89	TRACE	TRACE
218.00	220.00	2.00	5069	85	10	107	0.9	164	19.18	TRACE	131
220.00	222.00	2.00	5070	153	5	TRACE	198.0	12	TRACE	NIL	TRACE
222.00	224.00	2.00	5071	124	8	135	0.2	254	11.53	9	TRACE
224.00	226.00	2.00	5072	20	9	77	TRACE	242	4.00	20	TRACE
226.00	228.00	2.00	5073	262	6	135	0.4	318	11.42	7	13
228.00	230.40	2.40	5074	218	5	110	0.1	349	10.66	4	11
230.40	232.00	1.60	5075	124	TRACE	151	TRACE	219	9.20	8	TRACE
232.00	236.00	4.00	5077	128	4	117	TRACE	201	7.46	2	TRACE
236.00	239.00	3.00	5078	109	6	97	0.2	334	6.03	11	TRACE
239.00	242.00	3.00	5079	401	3	83	0.4	158	9.81	3	TRACE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB044

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
									ASSAYS					
		293.0 - 294.0 - Trace Po, Cpy in epidote-plag-quartz lenses band 1'. 331.0 - 368.0 - Plag phyric; 10-15%, coarse grain crystals uniform distributed. Phyric section centered on mylonitic textured 3' section; Late shear 40 to C.A.												
416.4	493.6	(AMPHIBOLITE) Pillowed metavolcanic Similar to previous 419.0 - 423.3 - Gabbroic very fine grain dike 476.0 - 478.0 - Biotite-hornblende banded, 80%												
493.6	527.0	(GABBRO) Fine grain, uniform, massive textured, minor quartz whitish mm bands, cross bands. No visible sulfide.												
527.0	535.0	(AMPHIBOLITE) Pilloved, similar to previous unit. Biotite at contact margin; 1' banding. Trace Cpy, Po in epidote-plag-quartz cm band.												
535.0	546.7	(GRANITE PEGMATITE) Pink, coarse grained to pegmatitic, biotite, muscovite Fine to coarse graphic granite textured sections, trace pyrite. 545.0 - Trace tourmaline.												
546.7	566.0	(GABBRO) Medium grained, foliated Pervasive cross banded sections; quartz, serpentinized, biotite. 566.0 - EOH	242.00	556.00	314.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.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ZONE C-4
ZONE C-5
CB45
K 108104
120 m
175 m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB045
Collar Eastings: 3100.00
Collar Northings: 200.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 296.00 feet

Logged by: P. Barc
Date: Feb. 8-9, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	19.0	(CASING)											
19.0	28.0	(AMPHIBOLITE BANDED) Epidote-plag-quartz, minor biotite bands at 70-80 to C.A. mm scale. 5 ft of 30-40% fine grained garnet banded section; top 10 ft blacky, broken rust stain fractures.											
28.0	30.0	(GRANITE PEGMATITE) .5 ft coarse grained, whitish hornblende-xenolith.											
30.0	44.5	(AMPHIBOLITE) Very fine grained, grey-black green, trace garnet band cm, trace biotite bands. Finely fractured, white quartz banded anastomosed brecciated. Possible Gabbro. 35.0 - 35.5 Finely brecciated talcose coating?, quartz.											
44.5	121.5	(AMPHIBOLITE BANDED) - Sections	0.00	91.00	91.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		40% of unit finely epidote-plag-quartz, 15% banded, trace	91.00	92.50	1.50	6010	438	11	85	TRACE	1444	5.37	75
		po, py sections unbanded, minor garnet cm bands.	92.50	121.50	29.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		41.0 Trace cpy, po in cm epidote-plag lense. 75.0 - 76.0 Intermediate tuff, quartz rich, light grey-green coloured. 76.0 - 96.0 Garnet-biotite banding, hornblende, minor py in late quartz banding chert. 89.0 - 121.5 5 ft. garnet banded amphibolite, weak serpentinized banding coatings on fractures.											
121.5	137.0	(AMPHIBOLITE BANDED, GARNETS, PO SULFIDE BRECCIA SECTIONS)	121.50	123.00	1.50	6011	227	9	50	0.1	1027	10.19	28
		Po in fine grained garnet sections	123.00	126.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		121.7 .8 ft po MS 70%.	126.00	129.00	3.00	6012	75	11	36	0.3	610	4.44	61
		122.7 .1 ft po MS - fine grained textured S Breccia.	129.00	131.40	2.40	6013	142	11	47	0.8	1041	12.09	26
		126.5 3mm late py cross banding.	131.40	135.00	3.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		129.0 - 129.5 Po in .2 ft epidote-p-quartz lense	135.00	137.00	2.00	6014	75	7	113	0.1	779	10.03	82
		130.3 - 130.6 Po massive sulfide band very fine grained S Breccia textured; po 80%, epodite-p lense; clast? 130.6 - 131.3 Garnet, epidote, plag banded po, py band 131.3 - 136.7 Garnet amphibolite 136.7 - 136.9 Minor po banding.											
137.0	210.5	(AMPHIBOLITE BANDED)	137.00	210.50	73.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

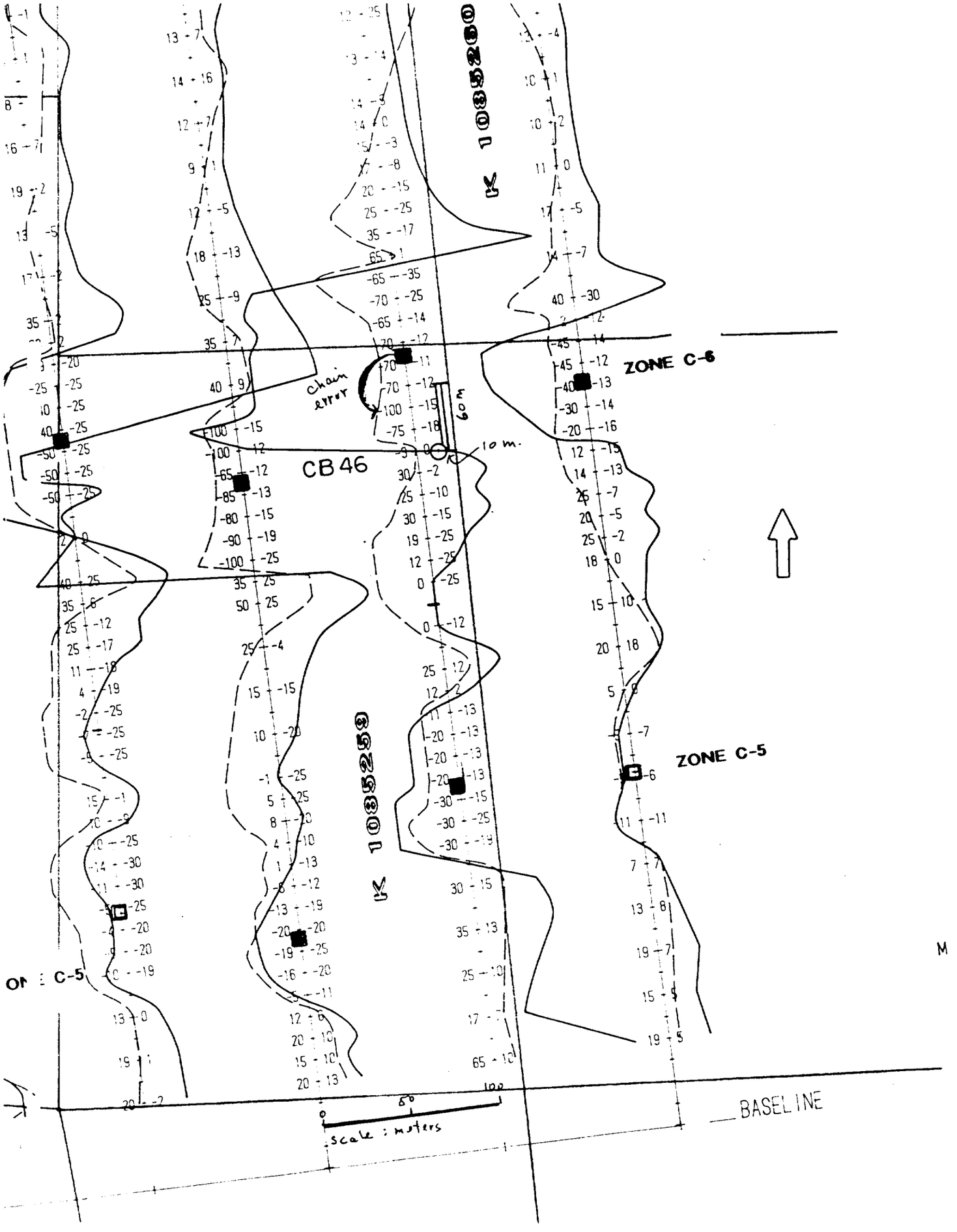
PROPERTY: OneMan Lake
HOLE No.: CB045

FROM	TO	LITHOLOGICAL DESCRIPTION
		Epidote-p-quartz banding, trace po, minor garnet + trace po section.
210.5	281.3	(AMPHIBOLITE BANDED + GARNET-MAGNETITE-PO CHERT BANDED SECTIONS) Iron formation related banding in epidote-plag banded blackish hornblende 210.5 - 212.0 Garnets,.4ft section magnetite bands, trace po in chert .2 ft section amphibolite. 227.0 - 232.0 Gabbro? fine white quartz banded, fractured. 238.0 - 239.0 BIF, boudinaged, cm bands garnet-chert-magnetite 15%, po. hornblende bands. 243.5 - 246.0 Garnet-amphibolite schist, 60% garnet, magnetite banding, chert bands, trace po 246.0 - 250.7 Magnetite mm banded, variable, trace to 20% Total magnetite 10%. Boudinaged textures. Granet banding, concentrated in magnetite rich sections, total 30% to 60% 250.7 - 281.3 40% garnet-magnetite-chert-hornblende sections in amphibolite, variable magnetite content, proportional to to garnet content; garnet to 50% sections. Traces po, mm bands in magnetite-garnet sections. 255.0 - 267.0 Garnet banding 20%, magnetite 5-10%, minor po Chert bands 267.0 - 281.0 Decreased garnet bands; .1-.5ft sections, minor magnetite, trace po, py 281.0 - 281.3 Garnet 40%, magnetite, hornblende, chert mm to cm bands. Po bands, disseminated in epidote-plag-quartz lenses. Trace xenoliths
281.3	296.0	(AMPHIBOLITE BANDED) Greenis black, hornblende-quartz-epidote schist, epidote plag lenses; traces garnet; .2 ft banding magnetite, po, in epidote-plag-quartz band, biotite banding. 291.5 - 292.0 Magnetite banding, .2 ft garnet banded section

296.0 - E.O.H.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
210.50	212.00	1.50	6015	82	5	44	TRACE	356	4.12	21
212.00	237.40	25.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
237.40	239.50	2.10	6016	316	6	59	0.2	861	5.73	1284
239.50	243.50	4.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
243.50	247.00	3.50	6017	140	13	41	0.1	886	3.51	55
247.00	250.70	3.70	6018	113	4	47	TRACE	N.S.	N.S.	N.S.
250.70	255.40	4.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
255.40	259.00	3.60	6019	99	9	44	TRACE	N.S.	N.S.	N.S.
259.00	264.00	5.00	6020	142	8	29	TRACE	N.S.	N.S.	N.S.
264.00	267.00	3.00	6021	132	9	31	TRACE	N.S.	N.S.	N.S.
267.00	270.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
270.00	272.60	2.60	6022	99	5	30	TRACE	N.S.	N.S.	N.S.
272.60	274.40	1.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
274.40	277.00	2.60	6023	110	17	33	0.3	N.S.	N.S.	N.S.
277.00	279.20	2.20	6024	242	12	48	TRACE	N.S.	N.S.	N.S.
279.20	281.40	2.20	6025	245	10	234	TRACE	N.S.	N.S.	N.S.
281.40	291.00	9.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
291.00	292.20	1.20	6026	274	13	139	TRACE	N.S.	N.S.	N.S.
292.20	296.00	3.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.


ZONE C-6
ZONE C-5
CB46
chain error
60m
10 m.
BASELINE
scale : meters
0
50
100

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB046
Collar Eastings: 3512.00
Collar Northings: 400.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 176.00 feet

Logged by: P. Barc
Date: Feb. 10-11, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	09.0	(CASING)
09.0	24.6	(AMPHIBOLITE BANDED) Green-white-black finely banded on a mm scale, hornblende epidote-plag, garnet fine grained - mm to cm bands, 15% banded, foliated at 70 - 80 to C.A. Traces pyrite in epidote-plag lenses, along lower contact, + garnet cm band. 14.0 - 14.4 Silicified, serpentinized 9.0 - 17.0 Garnet banding 15% 17.0 - 24.6 Amphibolite banded, no garnets.
24.6	28.6	(QUARTZ-BIOTITE-MUSCOVITE-SCHIST) Felsic tuff, Quartz-feldspar-biotite, trace garnet, fine grained. MM finely banded orange-grey-white-black. Fractured core, Rusty fractures. 28.0 - 28.6 Cherty, traces py, graphite, magnetite, weakly boudinage textured .5 ft. section trace magnetite.
28.6	41.3	(AMPHIBOLITE BANDED) Similar to previous; garnets 15%; 2 ft. section 36.0 - 41.3 Pyrite in epidote-p bands. 40.8 - 41.3 Cm garnet band, amphibolite, brecciated, with quartz-py cement py 30%, mass .1 ft band.
41.3	41.6	(PY-MASS SULFIDE) Sulfide breccia? late py 50% .3ft. trace po; brecciated felsic schist, py cement, py-chert? .1ft. band.
41.6	76.0	(CHERT-PO,PY,GRAPHITE MINERALIZED SECTION) Quartz, biotite, trace garnet, greyish uniform, weakly black banded. 46.2 Quartz vien? cross cut 60 to C.A. garnet-biotite cm banded - late fracture contorted foliation; at 20 to C.A., change to 70 to C.A. 48.4 - 49.0 foliated to 30 to C.A. orangish banded, py 57.5 - 57.6 Py-quartz .1 ft. vien. 60.0 - 66.0 Chert, weakly brecciated, with py mm banding, cement in brecciated section. 60.0 - 63.0 Traces py 5% 63.0 - 64.0 Brecciated, py, trace graph 64.0

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	16.00	16.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
16.00	17.00	1.00	6031	170	5	39	0.3	N.S.	N.S.	N.S.
17.00	24.50	7.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
24.50	27.00	2.50	6032	69	15	94	TRACE	N.S.	N.S.	N.S.
27.00	30.40	3.40	6033	199	16	1669	1.3	N.S.	N.S.	N.S.
30.40	38.00	7.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
38.00	40.50	2.50	6034	89	5	69	0.4	N.S.	N.S.	N.S.
40.50	42.00	1.50	6035	157	17	126	1.3	N.S.	N.S.	N.S.
42.00	43.50	1.50	6036	34	8	143	TRACE	N.S.	N.S.	N.S.
43.50	57.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
57.00	60.00	3.00	6037	75	4	131	0.3	N.S.	N.S.	N.S.
60.00	63.00	3.00	6038	49	11	140	0.4	N.S.	N.S.	N.S.
63.00	66.00	3.00	6039	315	40	2406	1.4	N.S.	N.S.	N.S.
66.00	69.00	3.00	6040	213	24	933	1.5	N.S.	N.S.	N.S.
69.00	73.00	4.00	6041	244	12	501	1.0	N.S.	N.S.	N.S.
73.00	76.00	3.00	6042	240	20	1027	1.1	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB046

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		64.0 - 66.0 Graph 40 - py 10, po 10 section finely banded 66.0 - 72.0 Chert-graph 20%, po 20%, py 5%, finely laminated po, py as mm hornblende, bands traces xenoliths. Graph as mm bands, occassional fine to medium black lenses p.blasts to 40% black grains; possible andalusite?; cherty? cm clasts occassional, grey-white coloured. 72.0 - 76.0 Chert-po 30%, py 5%, graph 5-10 banded, disseminated fine grained po, py. Weak banded chert; grey, white, orange.											
76.0	108.0	(RHYOLITE) Grey speckled, minor orange, black banding, quartz-biotite-muscovite banded, minor sulfides, graph in very fine grained nat'l 2 ft at lower contact, gradual to fine grained, muscovite banded. 76.0 - 78.8 Very fine grained cherty, with occassional cm py-quartz late minor py, po graphite bands traces occassional 3 mm quartz-eyes-clasts?	76.00	78.80	2.80	6043	68	14	453	0.8	N.S.	N.S.	N.S.
108.0	109.2	(CHERT) Red stained; hemotite; surface altered rhyolite; subareial broken core .3 ft.											
109.2	131.0	(RHYOLITE-PY BANDED) Rhyolite + 40% late? py banding, trace xenolith contact, margin rhyolite felsic tuff.	78.80	130.80	52.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
132.0	176.0	(RHYOLITE) Quartz-biotite-muscovite possible felsic tuff; inhomogenous, traces garnets, sections with light coloured cm lenses; felsic fragments; weakly quartz phyric uniform sections; sections muscovite, orange banded near 176.0 ft. Muscovite bearing fragments-minor.	130.80 132.50	132.50 176.00	1.70 43.50	6044 N.S.	80 N.S.	20 N.S.	564 N.S.	0.8 N.S.	N.S. N.S.	N.S. N.S.	N.S. N.S.
		176.0 - E.O.H.											

0
50
100
Scale: meters
ZONE C-3
ZONE C-4
CB47

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB047
Collar Eastings: 2400.00
Collar Northings: 300.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 246.00 feet

Logged by: P. Barc
Date: Feb. 13-14, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	6.0	(CASING)
6.0	8.6	(AMPHIBOLITE BANDED) Green-black, white, epidote-plag lenses, mm to cm, 15% foliated at 70 to C.A. No visible sulfides.
8.6	11.7	(FELSIC TUFF + PO SULFIDE BRECCIA) Quartz-feldspar-biotite schist; 1 ft. sections po 70% cement in S.B. section 8.6 - 9.1 Po 50% + cherty-mylonitic suboval pebbles S.B. 9.1 - 9.4 Chert, Po, Py bands 9.5 - 9.8 Epidote, chert, biotite, minor garnets Py disseminated, bands 30%.
11.7	14.0	(AMPHIBOLITE, BANDED + GARNET, MAGNETITE) Similar to previous, with addition of fine to coarse grained bands to 40%, +/- magnetite bands. Traces po, mm bands in epidote-plag bands.
14.0	70.0	(AMPHIBOLITE BANDED + GARNETS) Similar to previous, minor biotite +/- garnet cm bands - 2% 59.5 - 62.2 Cherty interbanding - 35% quartz, Pale grey-green sections.
70.0	72.3	(PO SULFIDE BRECCIA) 65% po. 10% py; Ang. cherty clasts, fine to coarse grained, occassional cobble sized.
72.3	74.6	(CHERT, PO SCHIST) Orange-grey - pale green, muscovite 5%, possible rhyolite, disseminated po 10%. Traces biotite. 74.1 - 74.5 Hornblende, biotite, po banded. 74.5 - 74.6 Granite pegmatite, white, medium grained.
74.6	82.7	(AMPHIBOLITE BANDED) Similar to previous, epidote-p lenses 10% minor garnets + trace biotite banding. 85.0 - 86.3 Cherty interband 83.0 Last garnet band.
82.7	101.0	(AMPHIBOLITE BANDED, GARNETS, CHERT-MAGNETITE BANDS) Similar to previous; addition of magnetite banding-minor

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	8.50	8.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
8.50	10.00	1.50	6066	227	14	88	0.9	504	11.47	TRACE
10.00	11.70	1.70	6067	30	10	157	TRACE	685	4.89	18
11.70	15.00	3.30	6068	71	10	44	TRACE	771	4.37	18
15.00	70.00	55.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
70.00	72.30	2.30	6069	260	17	585	0.9	681	13.79	36
72.30	74.70	2.40	6070	73	21	124	0.4	519	5.50	68

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB047

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		in garnet-chert bands, cherty bands 82.7 - 84.5 Magnetite traces in .6 ft garnet 15%, cherty section. 84.5 - 85.3 Grey, weak cherty banding, magnetite traces.											
101.0	115.8	(AMPHIBOLITE BANDED, GARNETS, CHERT-PO BANDS) Traces po in weakly developed cherty sections in finely epidote-plag banded schist 101.0 - 104.0 Trace garnets, biotite, to 20%/.5 ft; total garnet 5-10%/3 ft. trace po in cherty bands, epidote-plag bands, trace pyrite 104.0 - 116.0 Po 2%; traces garnets; 1 ft. section 101.7 - 102.3 Cherty banding less that 50%.	74.70 113.50	113.50 115.80	38.80 2.30	N.S. 6071	N.S. 68	N.S. 12	N.S. 52	N.S. 0.7	N.S. 402	N.S. 5.03	N.S. 18
115.8	119.4	(CHERT BANDED, PO + PO SULFIDE BRECCIA SECTIONS) Chert, greenish, mm to cm banded, with hornblende, black banding 10 - 15% Po disseminated, fine grained, 15% occassional mm - 3 mm bands; traces hornblende; acicular crystals 118.8 - in po band. Greensih chert, change to greyish chert, black banding biotite; minor po-sulfide breccia sections 2 X 2.5 ft. 115.8 - 116.8 Chert banded 116.8 - 117.0 Po 60% banded chert-sulfide breccia, angular chert banded clasts, to pebble sized. 117.0 - 117.6 Chert, grey-black banded; whitish feldspar grains. 117.6 - 118.1 Po sulfide breccia, fine to coarse grained angular chert-banded clasts 118.1 - 119.4 Cherty, po, greyish 1 ft section; felsic, quartz eyes; greenish chert at lower contac, chert-hornblende-po banded.	115.80	119.40	3.60	6072	148	11	60	0.8	410	12.29	TRACE
119.4	137.7	(FELSIC TUFF) Greysih, very fine grained, quartz-biotite schist, trace py. Sharp contact, weak hill margin, rhyolite?, py banding 1ft at contact. Finely biotite, orange banded, chert on hermatite reddish; hermatite stain on fractures, bands. Very fine grained - weakly white speckled sections; quartz phyric. Slight increased grain size to base of unit, felsic fragments to cm X 3cm 126.5 - 137.7 Fragments; 2 mm C cm sized, slightly coarser grain sized than Matrix.	119.40	121.10	1.70	6073	45	14	68	0.1	494	4.71	20
137.7	182.8	(AMPHIBOLITE BANDED, MINOR GARNET SECTIONS)	121.10	182.50	61.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB047

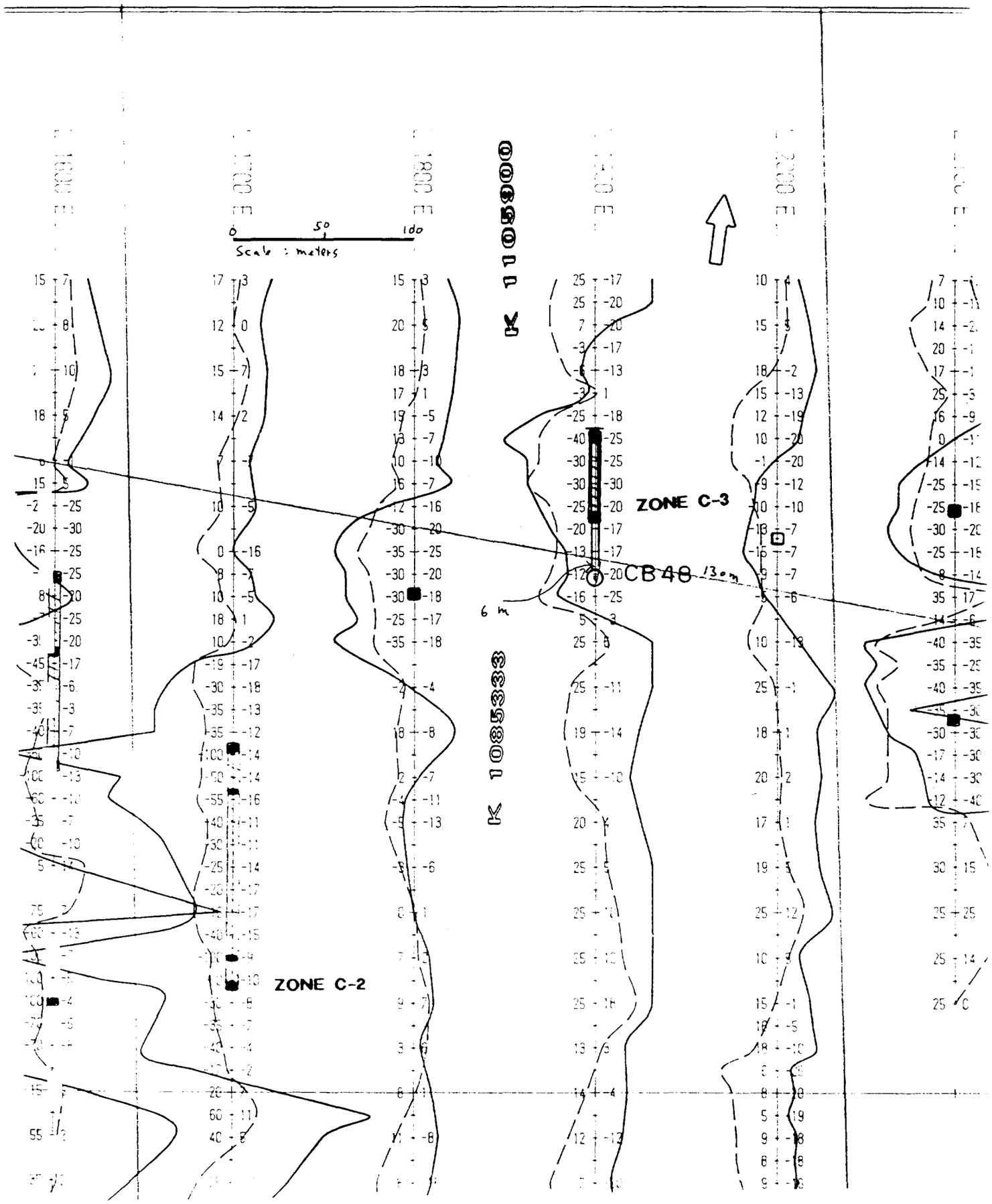
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Similar to previous units. Irregularly spaced garnet fine to coarse grained sections 25% of Unit, from cm bands to 40% occassional 1-2 ft. garnet, generally as pink fine grained to coarse grained disseminated cross cuttings in hornblende p-biotite schist; minor biotite with garnets, banding slight cherty banded, garnets, with traces magnetite sections. Trace po in garnet-biotite bands near lower. Streaky epidote-p bands minor, crudely development on a .1 ft to mm scale. Amphibolite, greenish, white, pale banded changes to blackish hornblende banded. 137.7 - 181.0 Garnet banding. 181.0 - 182.8 Very fine grained amphibolite; greenish-pale, uniform, weak foliated, trace po; silicified weakly.											
182.8	184.0	(PO, PY SULFIDE BRECCIA + AMPHIBOLITE BANDED) Weakly brecciated amphibolite-epidote-plag banded with po cementation. Sulfide breccia po 50%. Cherty, hornbiend rich clasts in sulfide breccia. Late pyrite .2 ft. vuggy, coarse grained euhedral vien in centre, minor po, py banding along top, bottom contacts.											
184.0	186.0	(AMPHIBOLITE BANDED) Minor epidote-plag, biotite, po, py banding on a mm scale.	182.50	184.50	2.00	6074	628	8	77	0.3	492	13.44	18
186.0	188.0	(FELSIC TUFF, HORNBLENDE BANDS) Very fine grained, change to fine grained, grey-black-biotite 10% banded, hornblende bands, fine to medium grained feldspar -plag phyric 10%.	184.50	188.00	3.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
188.0	188.8	(CHERT BANDED, PO, GRAPHITE MINERALIZED) Chert, po 40%, disseminated fine grained, mm bands; minor pyrite, trace sphalerite; minor graphite, traces biotite. Sphalerite as orangish-red fine-mm streaks in po bands.											
188.8	191.4	(CHERT BANDED BIOTITE, PY) Pyrite 15%, to 30%/.2 ft. black banding, biotite, serpentine? bands in py banded sections.	188.00 190.00	190.00 191.40	2.00 1.40	6075 6076	338 178	33 31	2170 1178	0.6 1.2	830 472	11.61 5.67	28 94
191.4	246.0	(FELSIC TUFF) Possible tuff-braccia. Greyish, quartz-plag-biotite, trace garnets, black biotite boudinaging, speckled. Weak white quartz phyric, speckled. Uniform composition, texture. Foliated, weakly banded at 80 to C.A. Trace pyrite on fractures, cross fractures.	191.40	246.00	54.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB047

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
									ASSAYS				
		196.0 Traces sillimanite crystals, an X cm streaks, muscovite bearing felsic tuff.											
		205.0 - 246.0 Weakly developed fragmental texture; fine grain felsic grey-black pebble sized clasts in a very fine grained matrix, muscovite rich, sillimanite. Matrix supported.											
	246.0 - E.O.H.												


0
50
100
Scale : meters
K 1105000
K 1085333
ZONE C-3
CB48
13 m
6 m
ZONE C-2

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB048
Collar Eastings: 1900.00
Collar Northings: 285.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 376.00 feet

Logged by: P. Barr
Date: Feb. 15-18, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	12.0	(CASING)											
12.0	16.0	(AMPHIBOLITE) Grey-black, uniform texture, weak hornblende streaked blotchy broken core; possibly gabbro.											
16.0	22.6	(AMPHIBOLITE BANDED, GARNETIFEROUS SECTIONS) Epidote-plag +/- po banding, 5%, garnetiferous sections, bands +/- biotite 15%, erregular dist'd to 5% .3 ft. 21.0 - 22.6 Biotite banded 30%, quartz hornblende, epidote pyrite 10% .2 ft contact 21.0.	0.00 21.00	21.00 22.60	21.00 1.60	N.S. 7018	N.S. 204	N.S. 14	N.S. 91	N.S. 0.1	N.S. 895	N.S. 5.50	N.S. 90
22.6	26.0	(CHERT BANDED WEAKLY MINERALIZED) Sharp contacts, greyish-black white banded graduai 1ft, trace yellowish beige banded; chert + disseminated py. 22.6 - .2ft py quartz S. Breccia at 22.6 22.8 - 23.5 Black-white banded, chert + hornblende 25.0 contorted foliation, py banding 30%/1.2 ft.; traces garnet, biotite. Slight fine to coarse grained chert.	22.60	26.00	3.40	7019	82	22	208	0.2	592	5.92	37
26.0	87.6	(AMPHIBOLITE BANDED, GARNETIFEROUS SECTIONS) Pale green-black banded, hornblende-epidote-plag mm to cm, garnetiferous section 50% to 31 ft., Sharp change to minor garnetiferous sections, garnet fine to coarse grained, 60%, hornblende-biotite-quartz sections to 1 ft. 31.0 - 58.0 Minor garnets, 5% epidote-plag lenses to cm, trace, po, various hornblende-plag-epidote +/- 2% biotite banding. 58.0 - 61.0 Coarse garnet-biotite banding 30% to 1 ft., epidote-plag banding 15% to cm; finely banded, plag incl., paler coloured, in homogenous.											
87.6	92.3	(PO-PY MS + CHERT BANDED SECTIONS) 60% po sulfide breccia, matrix; banded chert clasts, with occassional chert rounded fine to coarse grained + angular, banded clasts pebble sized brecciated chert; py as late 12 ft bands top/lower contact, vuggy. 90.0 - 92.3 .5 ft S.B. section generally laminated, orange-beige, py 15% disseminated, trace garnets boudinaged textured.	26.00 87.80	87.80 92.30	61.80 4.50	N.S. 7020	N.S. 251	N.S. 46	N.S. 825	N.S. 1.3	N.S. 495	N.S. 19.41	N.S. 93

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB048

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
92.3	98.0	(AMPHIBOLITE BANDED)	92.30	95.00	2.70	7021	129	19	79	0.3	744	5.43	318
		Plag-biotite-hornblende banded, minor epidote-plag lenses	95.00	97.70	2.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		92.3 Biotite banding.											
		98.0 Garnet-quartz-epidote-hornblende-biotite band, traces py, magnetite.											
98.0	99.0	(AMPHIBOLITE BANDED, GARNET-MAGNETITE-PY SECTION)	97.70	98.90	1.20	7022	307	18	59	0.8	865	5.68	49
99.0	105.0	(AMPHIBOLITE BANDED)											
		Grey, minor epidote-plag lenses.											
106.0	213.5	(AMPHIBOLITE BANDED + CHERT SECTIONS)	98.90	169.50	70.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Minor garnetiferous sections, green epidote-plag-quartz	169.50	171.00	1.50	7023	154	19	119	0.8	505	3.81	24
		banding 15% banded, pale biotite, traces garnet-py, .2 ft	171.00	210.00	39.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		quartz viens, trace py.	210.00	212.00	2.00	7024	108	24	37	0.6	627	4.02	32
		161.7 - 162.5 Cherty section along lower margin of garnet-	212.00	213.50	1.50	7025	88	21	125	0.6	756	4.08	21
		iferous section.											
		166.0 - 171.0 Cherty sections, 3 to 1 ft; traces po in py, in biotite-epidote-garnet .2 ft section near chert at 170.0 ft.											
		179.0 - 180.0 Trace po, magnetite in garnet section, + chert section .5 ft.											
		210.5 - 212.0 Garnets, traces magnetite, banding, cherty bands.											
		212.0 - 213.3 Pyrite banding, trace garnets, cherty bands.											
213.3	246.0	(RHYOLITE)	213.50	215.00	1.50	7026	175	33	771	0.4	617	7.12	111
		Quartz-feldspar-muscovite-biotite schist, weakly mineralized	215.00	220.50	5.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		schist, grey, white speckled, black banding; intrusive	220.50	222.00	1.50	7027	46	23	183	0.6	836	5.46	32
		contacts; chil margins; change from very fine grained to fine	222.00	245.50	23.50	N.S.	N.S.	N.S.	Nil	N.S.	N.S.	N.S.	N.S.
		to medium grained towards interior. Very fine grained serp? banded, pyrite, trace 3 ms at lower contact.											
		213.5 - 214.6 Very fine grain, change to fine grained, py 20%											
		214.6 - 220.5 Uniform, change to fine to medium grained.											
		220.5 - 222.0 Very fine graind, black banding, pyrite.											
		222.0 Epidote-garnet lense.											
		236.0 - 246.0 Change to banded rhyolite, fine grained, muscovite, change to very fine grained.											
246.0	262.0	(CHERT BANDED + PY + FELSIC TUFF SECTIONS)	245.50	248.00	2.50	7028	54	32	765	0.7	815	5.49	31
		Mineralized zone; py, po, graphite, traces sphalerite.	248.00	253.00	5.00	N.S.	Nil	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		30% chert, py 20-30% mineralized sections with muscovite-	253.00	257.00	4.00	7029	102	27	311	1.0	746	8.07	17
		biotite-quartz-feldspar schist sections appear as felsic	257.00	260.00	3.00	7030	72	17	323	1.0	600	6.85	15
		fragments; fine grained white, black speckled in lenses in	260.00	262.00	2.00	7031	67	25	125	0.6	485	6.09	26
		cherty matrix; Traces sphalerite in pyrite banding; weak											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB04B

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		brecciated textured chert in sections. 245.5 - 247.0 Banded, py, chert, weak brecciated .5, py 30% traces sphalerite. 247.0 - 248.0 Py bands in felsic tuff. 248.0 - 253.0 Felsic banded ? 253.0 - 253.7 Cherty, py 30%, brecciated. 253.7 - 255.5 Cherty, py band, brecciated, felsic bands possible fragmental. 256.5 - 257.0 Felsic 257.0 - 262.0 Cherty, disseminated py, bands, weakly brecciated .1 ft. sections, py 20%, po 5%. graphite, traces biotite.											
262.0	376.0	(FELSIC TUFF) Fine grained, black banded, weak fine grained white speckled quartz phyric, biotite bands 10% minor muscovite, traces garnets, py; uniform weak contorted foliation sections 290.0 - 326.0 Change from fine grained quartz, feldspar phyric muscovite, biotite, sericite finely banded tuff to uniform, biotite-felsic tuff, with minor garnet-epidote-quartz lenses, bands, traces disseminated garnets.	262.00	376.00	114.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		376.0 - E.O.H.											

K 110590
K 108533
K 108533
L 600 E
L 700 E
L 800 E
L 1000 E
0
50
100
Scale: metres
CB 50
152m
CB 53
50m
CB 54
45m
CB 49
145m.
190m
235m
243m
ZONE C-2
ZONE C-2

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB049
Collar Eastings: 1000.00
Collar Northings: 277.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 256.00 feet

Logged by: P. Barc
Date: Feb. 18, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	13.0	(CASING)
13.0	28.5	(RHYOLITE+ CHERT-PO BANDED SECTIONS) Greyish, pale, whitish-black banded, minor weak development orange banding; well foliated, weakly banded at 80 to C.A. Muscovite rich; 10-20% minor biotite banded sections; cherty sections in distinct weakly developed, very fine grained bands alternate with fine grained rhyolitic bands; 80% sections po mineralized, po to 30% fine grained disseminated mm bands; minor pyrite. 13.0 - 19.0 Biotite banding, hornblende, plag bands 19.0. 13.5 - 18.2 Cherty po. 19.0 - 22.0 Cherty, po, rhyolite, muscovite, biotite. 25.5 - 28.5 Disseminated po in rhyolite.
28.5	44.0	(FELSIC TUFF) Grey, weak biotite-black banded, weak white speckled-quartz phyric sections; biotite 5-10%, trace muscovite, fine grained garnet; weakly developed white-pale banding; minor alteration along foliation planes, fractures.
44.0	48.2	(CHERT BANDED + PO MASSIVE SULFIDE SECTION) Pale brown-grey chert, minor biotite bands, clasts; cm ovai shaped, felsic material in chert banded section. 44.0 - 46.0 Banded chert, minor po, 5-10%, fine grained disseminated 46.0 - 47.9 Chert, disseminated Po, section Po-sulfide breccia; Po cement with chert-banded, brecciated clasts. Minor pyrite; traces graphite in banded chert; traces sphalerite in S.B. 47.9 - 48.2 Banded chert, trace graphite, minor Po, Py, hornblende .1 ft section sulfide breccia.
48.2	50.0	(HORNBLENDE BIOTITE PLAG CHERT SCHIST) Sharp contacts; pale brown, greenish, whitish finely banded traces py, po.
50.0	70.8	(CHERT BANDED, PO, PY, GRAPHITE SPHALERITE MINERALIZATION) Inhomogenous unit; generally banded chert with irregularily distributed po, py, graphite, zinc. Po-py sulfide breccia

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	13.00	13.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
13.00	16.00	3.00	7061	57	20	307	0.9	428	5.74	22
16.00	19.00	3.00	7062	55	17	205	1.2	599	7.89	79
19.00	22.00	3.00	7063	66	22	223	0.9	595	8.20	16
22.00	25.50	3.50	7064	16	17	165	0.3	485	2.88	61
25.50	28.50	3.00	7065	36	24	201	0.6	406	5.51	25
28.50	44.00	15.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
44.00	46.00	2.00	7066	89	22	750	0.1	454	4.68	96
46.00	48.30	2.30	7067	420	56	2403	1.7	645	14.06	196
48.30	50.00	1.70	7068	104	18	113	0.7	298	4.85	96
50.00	53.00	3.00	7069	198	56	1771	1.1	298	4.85	96
53.00	56.00	3.00	7070	280	44	1432	1.6	591	8.19	23
56.00	58.00	2.00	7071	316	37	3105	1.4	748	11.21	10

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB049

FROM	TO	LITHOLOGICAL DESCRIPTION
		Minor biotite banding. Narrow sections; 5% to .2 ft rhyolite derived fragments. 50.0 - 60.5 Grey, whitish lenses; felsic fragments; po, py disseminated, cm biebs, mm bands. Narrow sections -.1 to .5 ft - 4 sections; po, py sulfide breccias. Total po 25%, py 5%. Sphalerite traces in po rich chert banded section, sulfide breccia sections, and in po-cemented brecciated chert section. Graphite 5-10%. Trace biotite. 60.5 - 68.0 Chert, orange banding, minor greenish grey banding Py>po, py 15-20% over 1-2 ft sections -2. Po<5%. Traces muscovite in felsic clastic material-fragments. 60.5 Traces cordierite fine white oval crystals. 66.0 - 68.0 Highly fractured core, pervasive orange-coloration Occassional fine black banding, cross bands in highly brecciated chert sections.. 68.0 - 69.5 Rhyolite; disseminated po, py 5-10%, greyish banded, 2 - .1ft, .3ft pink granite pegmatite sections. 69.5 - 70.8 Rhyolite-grey-chert? Traces py, po alteration; granite unit.
70.8	91.5	(GRANITE PEGMATITE) White, coarse grained weakly fractured. Sharp contacts.
91.5	112.0	(FELSIC TUFF) Grey, weak, white speckled, weak quartz phyric sections. Biotite 5-10%, black speckled, banded. Trace muscovite, fine grained garnets; occassional .5 ft sections pale coloured alteration on foliation planes. 106.5 Trace po at base of .5 ft alteration band.
112.0	189.0	(FELSIC TUFF) Biotite speckled, uniform, minor quartz phyric. Gradational contact. Traces sillimanite, sericite pale bands, sericiate, whitish fine grained laths-sillimanite; Traces py on fractures, cross fractures 121.0 125.0 Pale beige, fine black alteration - .2 X 3 ft sec. 135.0 - 189.0 Change to biotite banded, trace muscovite, to 5%. Pale banding; plag/quartz, biotite-quartz banded. Traces fine grained disseminated garnets. 165.0 Granite pegmentation; white, coarse grained. 167.0 - 167.4 Quartz-biotite rich, 80%/.2ft section.
189.0	218.0	(FELSIC TUFF) Grey, black speckled, banded, uniform composition, texture

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
58.00	61.00	3.00	7072	298	32	2303	1.2	662	7.98	15
61.00	64.00	3.00	7073	407	27	1999	1.1	488	5.81	31
64.00	66.00	2.00	7074	146	25	786	0.7	762	7.40	164
66.00	68.00	2.00	7075	257	28	1406	0.8	712	8.36	49
68.00	70.80	2.80	7076	71	22	433	0.2	465	5.04	16

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB049

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
						ASSAYS							
		203.0 - 206.0 Biotite rich; 20%, quartz.											
218.0	256.0	(FELSIC TUFF) Greyish, black, white speckled, uniform, biotite 10%, muscovite 5%, trace fine grained garnets.	70.80	256.00	185.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		256.0 - E.O.H.											

K 110590
K 108533
K 108535
L 600 E
L 700 E
L 800 E
L 1000 E
0
50
100
Scale: metres
CB 50
CB 53
CB 54
CB 49
152m
50m
45m
145m.
190m
235m
243m
ZONE C-2
ZONE C-2

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB050
Collar Eastings: 700.00
Collar Northings: 240.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 276.00 feet

Logged by: P. Barc
Date: Feb. 19-20, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	0.9	(CASING)
9.0	42.2	(AMPHIBOLITE BANDED) Greenish, white banded. Well foliated, banded at 80 to C.A. Fine grained plag-epidote-hornblende schist, mm banded, white 10-15% epidote-plag, trace po, mm to cm bands. Plag; pale white-green epidote banding 50%; Minor biotite, mm banding; Traces fine grained pink garnet, banding mm. 9.0 - 11.0 Blacky, broken core, rust stained on fractures. 26.0 - .2 ft section greyish-black; very fine grained chert or silicified fracture 26.0 - 29.0 Hornblende-epidote-plag speckled schist. Possible gabbroic dike. 29.0 - 42.2 Garnet 5%, bands, biotite banding near lower contact.
42.2	44.2	(CHERT - WEAKLY BANDED PY, PO, SPHALERITE MINERALIZED) Greyish-brown chert with disseminated biotite; mm bands Mineralized; sections massive pyrite banding; 3-1 ft bands with minor po and traces zns as fine, mmXcm streaks within pyrite bands. Total pyrite 15-20%, po 2-5%, zns 1%, fine grained graphite disseminated?
44.2	55.7	(AMPHIBOLITE BANDED - SILICIFIED) Biotite, plag banded 44.2 - 45.2, with cm quartz-pyrite band; traces disseminated po. similar to previous unit. 46.0 - 55.7 Silicified; pale grey-cherty bands +/- biotite Traces po in epidote-plag lenses; traces fine grained garnet, biotite bands.
55.7	62.1	(CHERT BANDED BIOTITE-PO-PY + PO, PY, SULFIDE BRECCIA SECTIONS) Greyish brown to orange chert 40% of unit; sulfide sections with disseminated po 25%, py 5-10%. Disseminated graphite, minor black banded; Minor disseminated biotite, mm banding. 55.7 - 58.4 Banded chert, po, py, graphite, cm py-band. 58.8 - 60.0 Po-sulfide breccia, po 55% 60.4 - 61.0 Po-sulfide breccia. angular brecciated greyish banded chert fragments sericite fine grained to pebble sized; 35%. Occassional finely orange coloured clasts; 10%, possible

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	42.00	42.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
42.00	44.50	2.50	7077	229	44	1358	1.1	1490	10.15	144
44.50	46.20	1.70	7078	106	17	84	TRACE	580	4.12	36
46.20	54.00	7.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
54.00	55.70	1.70	7079	134	16	41	TRACE	508	3.15	16
55.70	58.80	3.10	7080	282	84	2082	1.2	1340	8.59	39
58.80	61.00	2.20	7081	972	85	4036	2.4	851	22.53	51

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB050

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		zns bearing; zns 1-2%; mmlcm band at top of 58.8 sulfide breccia section. Traces cpy; mm coating occassionally on banded chert clasts; Traces aspy. Occassional whitish-black speckled oval cm lenses; possible felsic fragments in banded chert sections.											
62.1	123.5	(AMPHIBOLITE BANDED) Similar to previous section 62.1 - 66.0 Very finely banded; hornblende-plag-epidote-biotite, epidote-plag lenses with traces po. Pale banding; plag + chert? Occassional cm py, po bands, cross bands; gradual change to fine grain banded schis, epidote-plag, traces garnets, bands. 66.0 - 73.0 Disseminated po, py, total 5%. 73.0 - 101.0 Uniform amphibolite banded; 15% epidote-plag trace po lenses, minor garnet banding. Pale banding, quartz, biotite bands, gradual change to greenish- whitish finely banded hornblende/epidote/plag, traces biotite bands; traces po in epidote-plag-bands cm. 101.0 Banded amphibolite, uniform.	61.00 62.20 66.00 69.70	62.20 66.00 69.70 73.00	1.20 3.80 3.70 3.30	7082 7083 7084 7085	302 139 33 34	76 17 13 15	2517 154 38 33	1.1 0.4 TRACE TRACE	1840 719 314 398	11.33 6.86 2.15 2.82	21 23 21 14
123.5	141.0	(AMPHIBOLITE BANDED, MINOR GARNETIFEROUS SECTIONS) Fine to coarse grained garnet banding to 40%/.5 ft in finely banded schist. Epidote-plag banded. 127.6 - 128 Biotite 50% schist; quartz, epidote, sharp contacts.											
141.0	160.0	(AMPHIBOLITE BANDED) Fine epidote-plag lenses, mm scale, traces po, minor garnet fine grained banding. Serpentinized fractures.	73.00	157.70	84.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
160.0	162.0	(CHERT BANDED, WEAKLY MINERALIZED) Sharp contacts; minor garnet-quartz banded amphibolite at contact. Very fine grained greyish-orange-green weak brecciated chert, gradational to finely banded chert. 160.0 - 161.0 Minor pyrite, traces cpy in weakly brecciated chert section. 161.0 - 162.0 Finely fractured, greyish, red stained fractures.	157.70	162.00	4.30	7086	60	33	113	0.1	794	4.12	54
162.0	164.0	(AMPHIBOLITE BANDED) Greenish, white, hornblende-epidote-plag/quartz banded epidote finely cross fractured, with quartz, mm to 3cm coatings. Traces garnets, po in epidote-plag banding at	162.00	164.00	2.00	7087	99	23	84	TRACE	703	3.86	35

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB050

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		lower contact.											
164.0	177.5	(FELSIC TUFF) Possible fragmental. Greyish, black banded, speckled quartz-plag-biotite. Patchy banding in lenses <5%, garnet-biotite, quartz-feldspar fragments?	164.00 166.00	166.00 177.00	2.00 11.00	7088 N.S.	25 N.S.	29 N.S.	86 N.S.	TRACE N.S.	361 N.S.	2.28 N.S.	23 N.S.
177.5	179.0	(CHERT, BIOTITE, SERICITE, SILLIMANITE, PY, PO MINERALIZED) Sharp top contact at 177.5. 177.5 - 178.0 Cherty, biotite, fine grained disseminated py, cm blebs py 30%/.5 ft to 178.0; minor po; 10%/.5 ft. Traces sillimanite at approx. 177.5. Gradational to cherty, disseminated py, po 20% to traces sulfides to 179.0. Gradational to muscovite rich unit.											
179.0	179.5	(RHYOLITE) Muscovite, sulfids, sharp contact; light grey, weakly banded py+po? 5%.	177.00	179.40	2.40	7089	50	26	247	0.5	662	6.19	20
179.5	186.7	(FELSIC TUFF) Grey, black, biotite >5%, quartz, plag, muscovite <5%, irregularily distributed. Occassional light grey, black biotite speckled in lenses with traces po; Possible felsic fragments 5%. Weak fine grained quartz phyric minor sections. Trace aspy Pale yellowish coloured .2 ft section quartz-sericite banded. 183.0 .2ft chert-sericite ? py band yellowish green black.	179.40 184.20	184.20 186.70	4.80 2.50	N.S. 7090	N.S. 28	N.S. 15	N.S. 112	N.S. 0.1	N.S. 533	N.S. 3.15	N.S. 101
186.7	189.0	(RHYOLITE CONTACT MARGIN) Cherty, finely banded, contorted banding 70 to C.A. Colour variable; whitish, orange, hematite banded chert; occassional greenish,black, hornblende-epidote-garnet ? very fine grained bands 5% weakly brecciated textured sections with cherty matrix, py to banding to 20%/.1 ft, with felsic clast-oval in whitish lenses; total pyrite. 188.0 - 189.0 Pyrite, minor po, 2-.2 ft sections 25% sulfides in brecciated chert. Sharp contact at 189.0.	186.70	189.00	2.30	7091	134	33	435	0.4	801	8.21	200
189.0	192.5	(RHYOLITE) Greyish, orange-hematite banding sections. Quartz-feldspar-muscovite, greyish, muscovite .5cm poikiloblastic section. 190.0 - 191.0 Shear zone. Orange pervasive banding centered on finely fractured section 191.0 - 192.5.	189.00	191.00	2.00	7092	184	24	1159	0.2	568	6.24	54

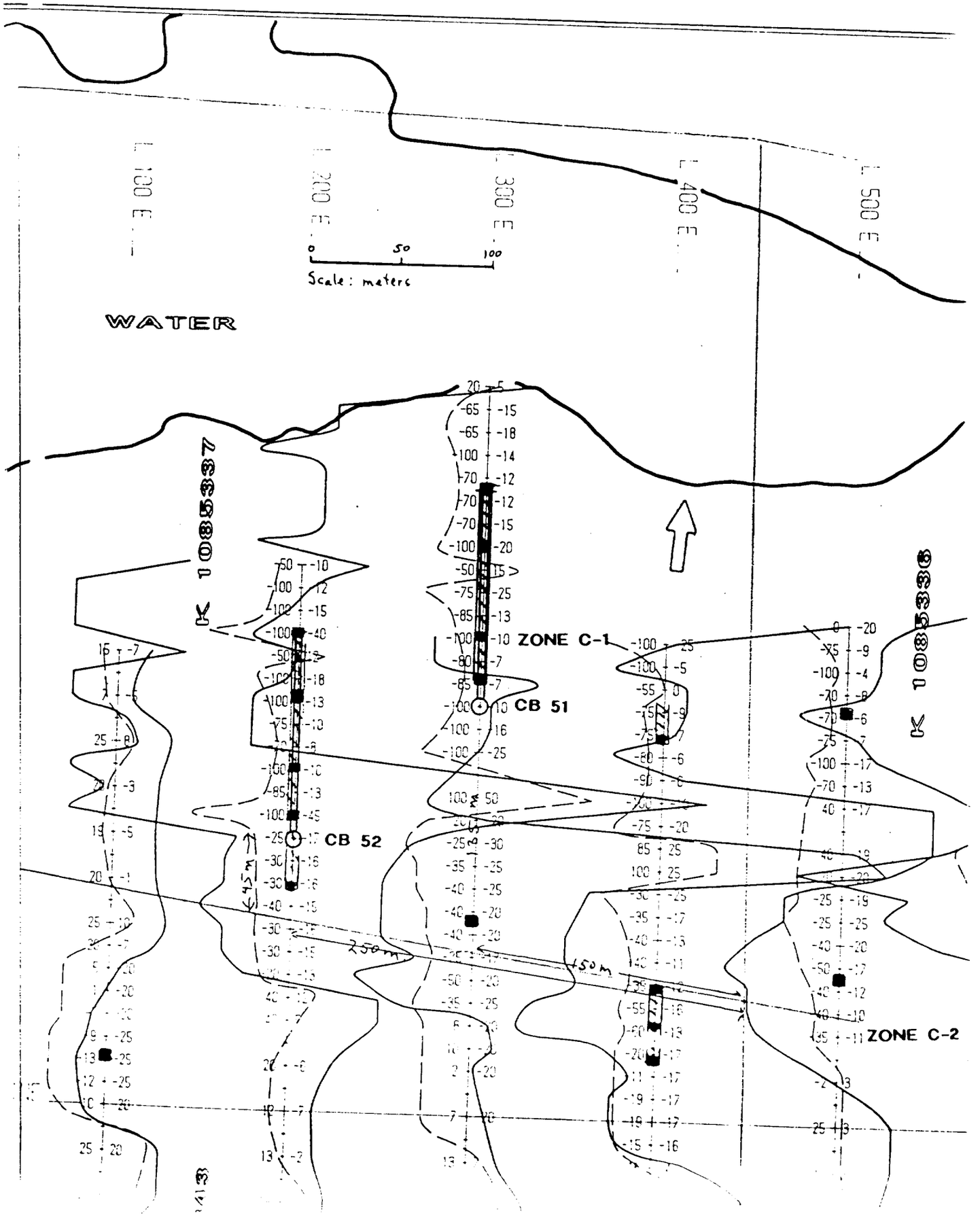
CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB050

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Black ?????? banding 5%, ? clay mineral ? soft talcose. 192.5 Broken core ? Disseminated pyrite, occassional ma bands, cross bands 20%; sharp contact at 192.5.											
192.5	196.0	(RHYOLITE) Greyish, minor orange banded to 194.0. Traces po, zns ? 195.6. Minor pale green .2 ft. bands; epidote-plag-quartz-po mafic ? Fine grained, very fine grained fragments.	191.00 193.00	193.00 196.00	2.00 3.00	7093 7094	111 139	13 27	904 1353	0.6 TRACE	545 773	4.63 4.58	26 31
196.0	204.5	(GRANITE PEGMATITE) Pink, coarse grained, quartz flooded .5 ft top margin. Muscovite greenish bands. Minor interstial pyrite; po, especially at top contact to 199.0 - 2%. 202.8 - 203.4 Felsic banded weakly assimilated xenolith, pyrite.	196.00 199.00	199.00 202.00	3.00 3.00	7095 N.S.	33 N.S.	15 N.S.	214 N.S.	TRACE N.S.	114 N.S.	1.23 N.S.	11 N.S.
204.5	276.0	(FELSIC TUFF) Quartz- biotite-feldspar phyric, quartz phyric weak sections. Greyish-black banded, cloudy whitish speakled muscovite 5% irregularily distributed banding. Minor garnets- fine grained, disseminated, occassional pale banded, sericite rich .1 ft section. Variable colour, composition 219.0 - 223.0 Reddish-hematite staining, whitish coloured unit; rhyolite; muscovite 5-10%. 223.0 - 276.0 Greyish, minor reddish very fine grained, rhyloite sections. Muscovite disseminated, biotite banded. Traces garnet, fine grained. Trace py, po.	202.00 204.60	204.60 276.00	2.60 71.40	7096 N.S.	44 N.S.	15 N.S.	149 N.S.	TRACE N.S.	247 N.S.	2.97 N.S.	13 N.S.

276.0 - E.O.H.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L 200 E
L 300 E
L 400 E
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0
50
100
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WATER
K 1085337
K 1085336
ZONE C-1
CB 51
CB 52
ZONE C-2
45m
250m
150m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB051
Collar Eastings: 300.00
Collar Northings: 225.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 546.00 feet

Logged by: F. Barc
Date: Feb. 20-21, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	9.0	(CASING)											
9.0	61.0	(AMPHIBOLITE BANDED)	0.00	59.00	59.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Greenish, whitish very fine grained plag rich sections,	59.00	60.40	1.40	6217	92	27	34	0.5	230	2.41	38
		Finely banded mm to .1 ft epidote-plag mm to cm bands, Fine grained bands 15% garnet - fine grained <5% cm bands. Irregular distributed, trace, biotite. Foliated, banded at 70 - 80 to C.A. Minor rusty stain on foliated planes, minor cross fractures. Traces biotite banding. Traces fine grained po in epidote-plag-quartz banding. Minor po near 61. 9.0 - 61.0 Change to finer banded.											
61.0	72.6	(CHERT BANDED, MINERALIZED + PO MASSIVE SULFIDE SECTIONS)	60.40	64.40	4.00	6218	354	84	2861	1.9	683	2.46	27
		61.0 - 61.6 Vuggy py band, brecciated py-chert	64.40	65.20	0.80	6219	373	55	3377	2.1	1410	12.54	64
		61.6 - 64.4 Banded chert-greyish graphite, black bands;	65.20	66.80	1.60	6220	238	53	1354	0.8	994	9.43	31
		black grains; and po 20% fine grained disseminated, mm bands	66.80	70.00	3.20	6221	251	47	2286	1.1	994	9.43	31
		weak breccia chert cement, +/- pyrite >5% zns occassional	70.00	72.60	2.60	6222	195	33	1319	0.7	1150	8.98	41
		mmX5cm blebs in po bands. Weakly brecciated chert 61.4.											
		64.4 - 65.2 Po-sulfide breccia; po 60%, cherty clasts, rounded 38%, zns fine grained clots 2%, mm streaks; in cherty clasts??											
		65.2 - 66.8 Banded chert, py .1 ft vuggy + chert section graphite banded, grey chert. Gradational to grey-orange/ black banded chert, trace muscovite dissimenated py 20%, traces zns.											
		66.8 - 72.6 Chert +/- graphite, biotite, po, py greyish, black banded; gr, biotite mm scale weak epidote-banded near 66.8, traces epidote-hornblende bands 70.0 - 71.0 ft. 25% irregular distributed po, py. Py 10% concentrated near margins ? Po <5%, zns traces in po, py banding; traces fine grained garnet 71.0 - 72.0.											
		72.0 - 72.6 Py 25%, epidote-hornblende patches.											
72.6	187.3	(AMPHIBOLITE BANDED)	72.60	76.00	3.40	6223	102	21	91	TRACE	589	2.92	30
		Epidote-plag banded 5-10% to .5 cm lenses to 86.0 generally fine grained green-black hornblende-epidote/quartz banded. Trace garnet, biotite banding. Traces po in epidote-plag lenses. Sharp contact 197.7 ft.											
187.3	197.7	(FELSIC TUFF)	76.00	189.30	113.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB051

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Cherty in sections; greyish, pale banded sections, mm 10%	189.30	192.50	3.20	6224	65	29	200	TRACE	388	2.70	286
		187.3 - 192.5 Cherty, finely banded traces po, py.	192.50	194.50	2.00	6225	46	21	208	TRACE	411	4.70	38
		192.5 - 197.7 Garnet, fine grained quartz-biotite, fragments	194.50	197.70	3.20	6226	44	10	184	TRACE	362	3.70	26
		Biotite speckled, included grain size to 197.7. trace po, py.											
197.7	280.2	(AMPHIBOLITE BANDED, GARNETIFEROUS SECTIONS)	197.70	199.50	1.80	6227	84	9	203	TRACE	409	4.70	62
		Similar to previous section.	199.50	280.00	80.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		197.7 - 199.0 Weak silicified sections, biotite. Py banded, .2 ft 20%. Minor sections garnet very fine grained, biotite, quartz, 15% to 1 ft.											
		213.0 - 214.0 Garnet fine to coarse grained poikiloblastic clusters, 60% minor biotite.											
		212.0 - 213.0 Minor black, serpentined bands											
		236.7 - 232.0 Cherty 25%											
		232.0 - 280.2 Decreased grain size, pale green coloured											
		276.0 - 280.2 Garnets 15%, biotite banding.											
280.2	285.2	(CHERT BANDED, PO, PY, ZNS MINERALIZED)	280.00	281.50	1.50	6228	407	36	2631	0.7	592	8.02	171
		(+ HORNBLENDE-EPIDOTE-BIOTITE BANDED SECTION)	281.50	283.00	1.50	6229	165	18	945	0.3	627	6.04	106
		280.2 - 281.5 Greyish banded chert, felsic greyish biotite	283.00	285.20	2.20	6230	688	22	3310	0.9	532	7.38	67
		speckled fragments. Po fine grained disseminated + mm bands 25%, py 10%, zns trace fine grained biebs in better po, py concentrated sections.											
		281.5 - 283.0 Biotite-epidote-chert-hornblende green, black white banded minor py in epidote cm bands.											
		283.0 - 285.2 Grey, orange banded chert. Graphite weak brecciated texture, po + py fine bands, mm cross bands, 30%.											
		284.6 - 285.2 Graphite, minor po, biotite.											
285.2	292.8	(AMPHIBOLITE BANDED)	285.20	292.80	7.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous. Trace biotite, quartz, po. No Garnets.											
292.8	294.0	(CHERT)											
		Grey uniform, weak banded. Po, py, graphite, trace cpy.											
294.0	300.8	(FELSIC TUFF)	292.80	296.00	3.20	6231	152	17	588	0.2	604	4.76	10
		Possible chert. Quartz-biotite 5%, po, py traces. Greyish, uniform, traces garnets, po, py, bands. .1 ft biotite-garnet band.											
300.8	302.3	(CHERT BANDED - GRAPHITE, PO, PY, ZNS MINERALIZED)	296.00	301.40	5.40	6232	74	14	604	0.1	485	3.51	15
		Greyish, minor biotite, graphite, mm banding biotite banded margins. Po 20% - py 10% - zns 1%, trace cpy.	301.40	302.30	0.90	6233	487	23	1767	1.9	740	6.14	54

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB051

FROM	TO	LITHOLOGICAL DESCRIPTION
302.3	309.7	(AMPHIBOLITE BANDED) Green, pale, hornblende, epidote, epidote-quartz rich late cm banding, trace po in epidote lenses. Sharp contacts.
309.7	319.4	(CHERT BANDED, BRECCIATED PO, PY, ZNS, CPY, GRAPHITE MINERALIZED) Variable character. 309.7 - 315.0 Quartz flooded; quartz rich banding, to .1 - - .2 ft sections. Po, py banding, mm, 30 - 40%, gradational to banded chert-po-py-zns-cpy-graphite schist. 309.7 - 313.0 Quartz flooded, po, py, zns, cpy, 312.0 - 313.0 Banded 313.0 - 315.0 Brecciated banded chert with massive po. Po sulfide breccia cement, to pebble angular clasts. Trace zns. 315.0 - 316.7 Banded chert + po, zns 2%, cpy 1%. Graphite cherty clasts? coarse grained, rounded. 316.7 - 317.7 Chert fine grained, uniform grey, trace garnet 317.7 - 319.4 Brecciated chert + po sulfide breccia cement 20% po change to 60% po. Trace py, zns clasts ? felsic, grey-white, in banded chert. 319.4 - 321.4 Chert, sharp change from previous. Greyish pale, disseminated po, py 20 change to trace.
321.4	404.0	(FELSIC TUFF) Greyish, black banded white-quartz speckled weak to moderately biotite 5%, uniform textured, compliation traces po, py near 321.4. Trace fine grained garnets. Trace muscovite near 321.4 ? Rhyolite? Gradual increase in grain size very fine to fine grained, medium grained poikiloblasts-quartz. 321.0 - 336.0 Increase in grain size. 336.0 - 344.0 Decrease in grain size. 344.0 - 356.0 Muscovite, garnet, occassional cm to .2 ft bands sericite-garnet alteration near orange bands, .2 ft gram pegmatite; orange banding; cherty, traces po, py. Weak brecciated texture, blackish banding, sericite. 355.0 - 361.5 Very fine grained, chert sections, muscovite, biotite. 370.0 + Muscovite, biotite, garnets. Possible banded rhyolite.
404.0	406.3	(CHERT BANDED, PO PY, GRAPHITE) 404.0 - 405.8 Greyish, reddish-hematite patchy banding, epidote, hornblende banding near 404.0. 405.8 - 406.3 Greyish, massive chert ??? disseminated po, patchy banding 25%, Graphite, biotite, pyrite.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
302.30	309.70	7.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
309.70	312.00	2.30	6234	185	18	1947	0.6	650	8.29	22
312.00	315.00	3.00	6235	356	28	2945	0.6	656	11.09	22
315.00	317.70	2.70	6236	191	41	2742	1.2	522	6.61	22
317.70	319.40	1.70	6237	203	27	688	1.3	113	13.24	42
319.40	321.40	2.00	6238	103	32	146	1.0	382	5.24	27
321.40	323.00	1.60	6239	18	19	78	0.8	343	2.12	21
323.00	355.00	32.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
355.00	358.30	3.30	6240	14	15	71	0.6	257	1.57	23
358.30	404.00	45.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

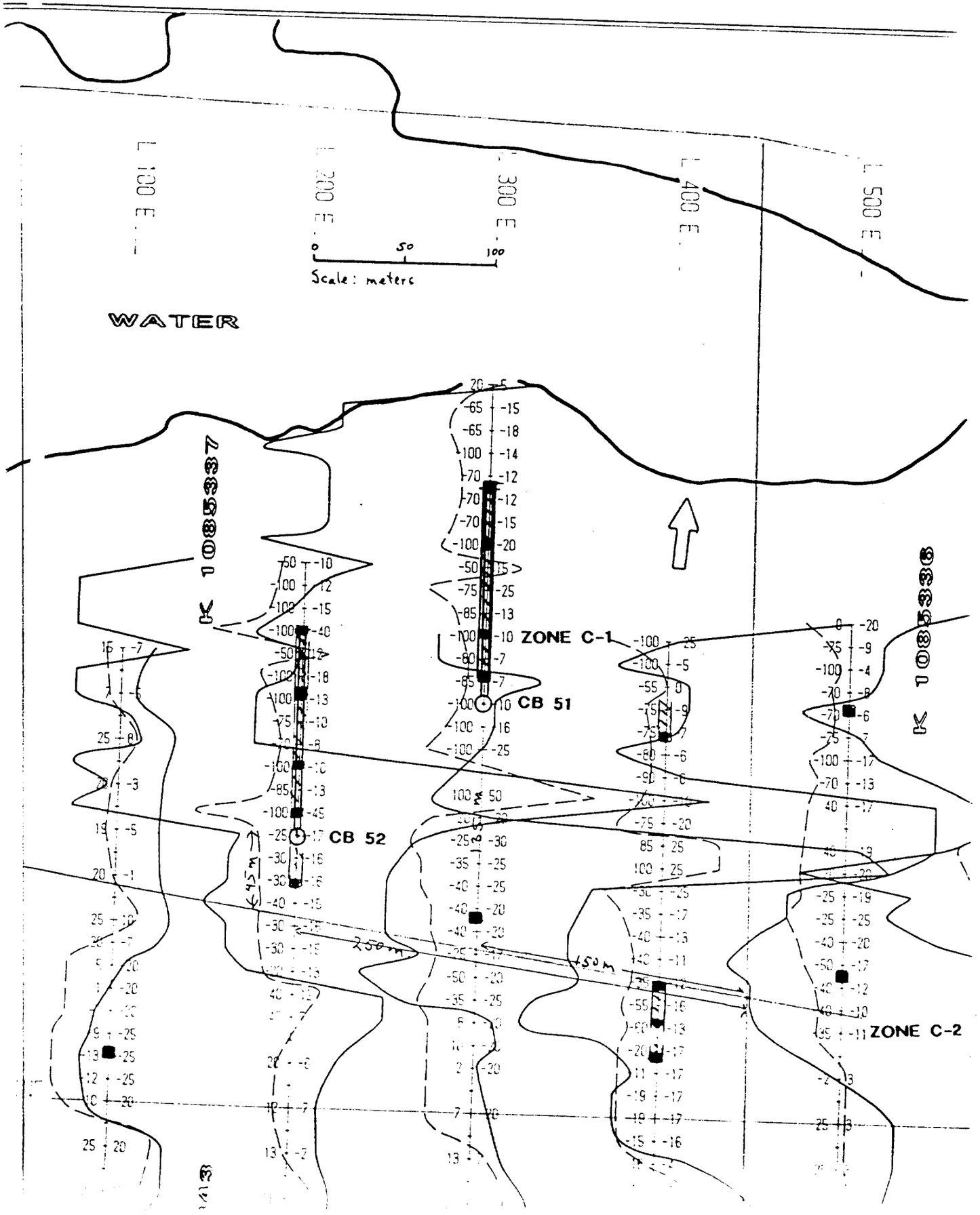
DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB051

FROM	TO	LITHOLOGICAL DESCRIPTION
406.3	546.0	(QUARTZ-BIOTITE-SCHIST) Felsic tuff-banded, grey, black, white, white banded. Quartz-feldspar-biotite to 20%/ft. Trace epidote-plag banding on scale. Traces pyrite, py on cross fractures. Trace graphite. Gradation to biotite at 519.0 plag speckled felsic-tuff with occassional plag-epidote patches to .1 ft. trace po fragments. 421.0 .5ft white, biotite gram pegmatite to 422.0. Quartz, trace py banding 5%. 430.0 - 446.0 Change from biotite rich, 20% banded, weak ???? textured, to biotite speckled, weak banded, quartz phyric 5-10% sections. Uniform. 446.0 - 459.0 3-.2 ft. Pegmatite pods, white, biotite, garnet 459.0 - 546.0 Muscovite, biotite, traces garnets. 470.0 cm pegmatites, 5-10% fine grained, beige, migmatite, muscovite, biotite. 546.0 - E.O.H.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
404.00	406.40	2.40	6241	62	31	355	0.7	606	4.07	38
406.40	411.00	4.60	6242	27	17	95	0.5	520	3.27	23
411.00	416.00	5.00	6243	37	16	101	0.4	767	4.11	26
416.00	421.00	5.00	6244	37	13	86	0.6	596	3.73	24
421.00	546.00	125.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.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L 200 E
L 300 E
L 400 E
L 500 E
0
50
100
Scale: meters
WATER
K 1085337
K 1085336
ZONE C-1
CB 51
CB 52
ZONE C-2
45 m
250 m
150 m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB052
Collar Eastings: 200.00
Collar Northings: 150.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 526.00 feet

Logged by: P.Barc
Date: Feb. 21-22, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	13.3	(CASING)
13.3	156.0	(AMPHIBOLITE BANDED) Epidote-plag, mm to cm banded, foliated 70 to C.A. Minor garnet banding + traces magnetite. 44.0 - 46.0 Cherty, white bands weak garnetiferous sections. 131.0 - 136.0 Conductor; greyish, cherty green sections, trace garnet, magnetite, py, biotite, 137.5 - 156.0 Fine grained, uniform, minor epidote bands; gabbro? biotite, late cm quartz-plag band.
156.0	186.0	(AMPHIBOLITE BANDED, MINOR GARNET, CHERTY BANDS) Pale green, minor very fine grained cm band, biotite, irregular distributed epidote-plag lenses. 166.0 - 167.0 Cherty, greyish-black banded section, trace po.
186.0	227.3	(AMPHIBOLITE + CHERTY BANDS) Traces magnetite, garnet banding, biotite, po, epidote-hornblende banded sections. 186.0 - 189.0 Cherty, grey, black banded, trace magnetite 189.0 - 194.7 Cherty 30%, garnet banding, magnetite. 194.7 - 218.0 Black banded, garnets, biotite, chert? 218.0 - 227.3 Pale banded; epidote-plag rich schist. 226.7 - 227.3 Cherty banding, biotite, py. Garnets at contact.
227.3	230.0	(MASSIVE SULFIDE - PO, PY) Minor chert grey section at top contact. Gradational to finely brecciated chert banded schist, traces graphite with po-chert sulfides breccia cement. 228.0 - 230.0 Po-chert sulfide breccia, with angular to rounded grey chert pebbles, traces zns. 30% red stained medium grained clasts, zns?
230.0	233.0	(CHERT BANDED - BIOTITE, PO, PY) 20% po, minor py, sections, finely mm banded, streaky.
233.0	235.0	(CHERT-EPIDOTE-PLAG-HORNBLENDE-BIOTITE SCHIST) Banded, trace garnet, po, py in epidote bands.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	131.00	131.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB052

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
235.0	239.7	(CHERT BANDED + PO, PY MASSIVE SULFIDE SECTIONS) Po, py, biotite, graphite, traces zns. Increased po to 50% bands in chert to 239.7. 70% banded chert; po 20%, minor py trace zns. 30% po-py sulfide breccia sections to .8 ft. 235.0 - 235.5 Sulfide breccia 236.5 - 237.6 Sulfide breccia 238.4 - 239.0 Sulfide breccia 239.7 - Py-po .2 ft band.											
239.7	360.5	(AMPHIBOLITE BANDED) Minor garnet sections, biotite banding, po, py, in epidote-plag bands; Occassional fined grained garnetiferous banding 5% to .5 ft, 10-20%, +/- biotite +/- chert. Weak speckled textured sections. 304.0 - 306.0 Broken core, fissile, contact, shear zone, silified? 90 to C.A. Highly contorted foliation. 312.0 - 316.0 Fracture zone, deformation; grey, black, biotite banded, silicified minor epidote-plag lenses. Traces disseminated py. Schist, fissile, broken core 2-1 ft.sections serpentinized mafic schist. 316.0 - 317.0 Cherty, serpentinzed amphibolite. 317.0 - 318.0 Garnet banding, serpentinized, brecciated amphibolite .5 ft. 318.0 Grey-black-green-whitish streaky banded amphibolite if. 30-40% light plag-epidote mm to cm bands, traces po. Traces garnets, biotite. 340.0 - 355.5 Banded, epidote-plag, traces garnets, biotite-quartz- cherty banding. 355.5 - 360.5 Traces magnetite in .1 ft garnet 40% biotite-quartz banding 3-.1 ft. garnet banded sections 359.0 - 360.5 Biotite rich bands, trace po.											
360.5	366.3	(FELSIC TUFF) Greyish, black speckled very fine grained to fine grained quartz-feldspar-biotite 5-10% schist uniform, weak biotite banding, traces fine grained pale garnets to 5%/1-2 ft. Traces pyrite within tuff, pyrite 10%/1-2 ft. near contact margins with mm banding pyrite. Garnets 10-15% fine grained granular aggragates. Cross fractures, pyritic coatings.											
366.4	377.5	(AMPHIBOLITE BANDED, MINOR GARNET SECTIONS) Silicified? greyish banding 10% in banded amphibolite, traces fine grained garnets. Cherty interband? in quartz-epidote-po band.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB052

FROM	TO	LITHOLOGICAL DESCRIPTION
		366.4 - Serpentinized mafic. 375.5 - 376.0 Garnet band; 20% fine grained/.5 ft, biotite, quartz, magnetite trace. 367.5 - 372.0 Blacky core, minor broken core.
377.5	381.0	(GARNET-BIOTITE-QUARTZ-MAGNETITE, PO SCHIST) 377.5 - 378.8 Banded amphibolite, 30% garnet, biotite, quartz banding, trace magnetite, po. 378.8 - 381.0 Garnet rich schist, banded amphibolite. Fine to coarse grained garnet to 60%, biotite, epidote interstitial po 10%/1 ft. as disseminated coarse cm blebs. magnetite 5-10% as fine grained disseminated and occassional mm bands-streaks traces po in occassional epidote-plag in lenses - brecciated late quartz, .5 cm banding 5%.
381.0	436.0	(AMPHIBOLITE BANDED - MINOR GARNETIFEROUS SECTIONS) Black-green, finer grained tha previous finely banded; hornblende, epidote-plag, garnet +/- biotite, garnet as fine grained, with biotite in mm bands, occassional to cm, total <5% to 403.0 Blackish banded, hornblende, quartz rich 403.0 - 413.0 Slight increased garnet bands, 20% to 1 ft. of fine to coarse grained garnet 40%, biotite, quartz banding disseminated po to 25%/.1 ft. in epidote band. 413.0 Trace po in garnet bands occassionally 434.0 - 436.0 cross fractured, pyrite traces.
436.0	440.0	(CHERT BANDED, MINERALIZED PY, PO, ZNS, CPY) Greyish, orange finely banded chert, with minor biotite, graphitic bands. Pyrite, mm bands, cross bands >10% to 439.0. Minor po, traces zns. Greatest py concentration in weakly brecciated chert sections. 436.0 - 437.0 Occassional fragments whitish cm ovals; felsic

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
403.00	405.00	2.00	6279	154	4	30	0.2	471	3.67	27
136.00	223.30	87.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
223.30	226.70	3.40	6261	130	8	28	0.2	589	2.19	13
226.70	230.00	3.30	6262	694	55	1642	2.7	2740	16.07	41
230.00	232.80	2.80	6263	415	51	2764	1.6	1620	7.65	47
232.80	235.00	2.20	6264	108	11	668	0.8	1450	5.77	213
235.00	237.30	2.30	6265	373	68	2898	1.8	1920	11.74	33
237.30	239.70	2.40	6266	509	79	5255	2.5	1380	14.73	289
239.70	242.00	2.30	6267	123	6	405	0.2	1570	5.37	26
242.00	311.80	69.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
311.80	315.00	3.20	6273	100	8	52	0.2	417	2.91	15
315.00	355.50	40.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
355.50	360.50	5.00	6274	127	5	43	0.1	312	1.96	51
360.50	363.00	2.50	6275	27	13	57	0.1	319	2.27	21
363.00	366.30	3.30	6276	46	4	141	TRACE	189	2.00	45
366.30	368.00	1.70	6277	61	4	285	0.1	454	4.47	57
368.00	374.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
374.00	377.50	3.50	6278	99	2	21	TRACE	224	1.09	13
377.50	403.00	25.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
405.00	434.30	29.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
434.30	436.00	1.70	6280	70	6	47	0.1	445	3.83	596
436.00	440.00	4.00	6281	508	33	2364	1.1	454	7.47	63

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB052

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		occassional epidote-plag cm lenses; mafic clastic material. Generally finely laminated, +/- weak brecciated section, +/- contorted foliation, zns as traces in py, po banding and as reddish biebs, mm X 3cm, nearest to felsic? greyish clasts at 436.7.											
		438.0 438.8 Broken core; graphite 40%, orange cross banded; hematite, pyrite 10%. .2 ft section greenish-clay mineral - aphanitic shear; fault breccia; pyrite + black clayey mineral serpentine cemented.											
		438.8 - 439.2 Graphite rich, 30-40%.											
		439.4 - 440.0 Cherty, grey, minor sulfides cross fracture, pyrite coated, black mineral; serpentine.											
440.0	448.7	(AMPHIBOLITE BANDED)	440.00	445.00	5.00	6282	84	7	137	0.2	298	2.60	29
		Greenish, 5% epidote-plag mm to cm bands. Traces po, mm bands, Occassional orangish; hematite mm banding. Generally very fine banded, No garnets, uniform, minor grey, cherty bands.	445.00	448.70	3.70	6283	78	4	38	TRACE	183	1.57	37
448.7	456.4	(FELSIC TUFF)	448.70	452.00	3.30	6284	244	TRACE	287	TRACE	489	5.35	41
		Greyish black, fine grained to very fine grained quartz-biotite schist biotite 5-10% fine grained disseminated, occassional mm bands, weak fine to medium plag phyric sections. Traces Po, Py, epidote especially at 448.7+.	452.00	454.30	2.30	6285	127	3	740	TRACE	388	3.74	9
		449.8 Trace cpy; mm cross band.											
		450.3 - 451.5 Black cm band biotite, py. 3 - cm pink medium grained pegmatite boudinaged; bands, trace interstitial py. .3 ft quartz-py-late, trace po, band vuggy, trace cpy, graphite; cherty band, greenish mineral; py alterated stain on feldspar.											
		451.5 - 456.5 Occassional cm lenses; lighter coloured grey; possible felsic fragments.											
454.4	456.5	(CHERT)											
		Grey, graphitic, traces po, py, zns.											
		454.0 - 456.5 Po banding, mm 10%, py banding 456.5 10% cross fractures; py coated. Traces zns - medium grained biebs in Po bands. Traces sericite, graphitic.											
456.5	466.0	(AMPHIBOLITE BANDED)	454.30	456.70	2.40	6286	298	20	1857	0.4	569	6.20	59
		Similar to previous. Minor epidote-plag banding, pods to cm, traces po. 3 X.1 ft bands. Biotite mm black banding; 20%, Slight pale grey colour; quartz banding. Minor po mm banding. cm cross band-py, quartz, epidote, serpentine. Minor po,	456.70	466.00	9.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB052

FROM	TO	LITHOLOGICAL DESCRIPTION
		in epidote-plag .1 ft section at top of unit.
466.0	472.0	(CHERT BANDED, MINERALIZED PO, ZNS, CPY) Grey black weak banded chert, biotite 5%, graphite 20%, minor po banding occassional accretionary textured banded chert clasts in contorted-chert-banded section. 466.0 - 466.7 Chert, grey, minor po, graphite 468.5 .1 ft band epidote-quartz-plag-po mafic fragment 466.7 - 469.0 Section brecciated chert, contorted chert banded, with 30-40%. Po fine banding-cement. 30% sections to .2 ft po-sulfide breccia with cherty fine to coarse grained rounded whitish clasts. Zns 1-2% as fine mm blebs in po banded sections. Trace zns in sulfide breccia sections. Cpy as mm I mm fine streaks in brecciated banded chert fragments near top of po section 466.7 - 469.0. 5% cpy/.1 ft at 466.7. Trace cpy; mm cross band near base of unit. Sharp lower contact; last po band. 469.0 - 472.0 Blocky core, near broken core sections, massive py, 469.0 - 472.0 10% fine banding, to .5 cm, traces cpy, traces fine grained graphite.
472.0	526.0	(FELSIC TUFF) Greyish, black, biotite speckled, banded, quartz-plag-biotite 10% muscovite, trace garnet weakly developed plag-phyric sections. Uniform compilation, texture, occassional lenses to cm, lighter colour, quartz-feldspar-biotite speckled fine grained in very fine grained matrix, possible felsic fragments. 480.0 Trace po in cm quartz-epidote lense; fragment: relict? 485.8 .3ft rich granite medium grained pegmatite, 487.0 - 491.0 Blocky core, fractured, trace pyritic traces sericite coatings. 492.0 - 493.0 Reddish stained - very fine grained rhyolite? hematite stained traces pyrite to 494.0 traces sericite. 493.0 - 526.0 Quartz-biotite, muscovite schist, felsic tuff. Greyish, finer grained than previous, friable biotite, muscovite banded, with occassional cm to .1 ft bands light beige-green sericite alteration along foliation planes. Traces fine grained pink garnet. Occassional plag-epidote, Trace Po, Py cm lenses; mafic? relict fragments. Occassional cm in lenses light coloured felsic fragments. 503.5 - 504.0 Broken core .2 ft, blocky fractured core, trace py.

ASSAYS

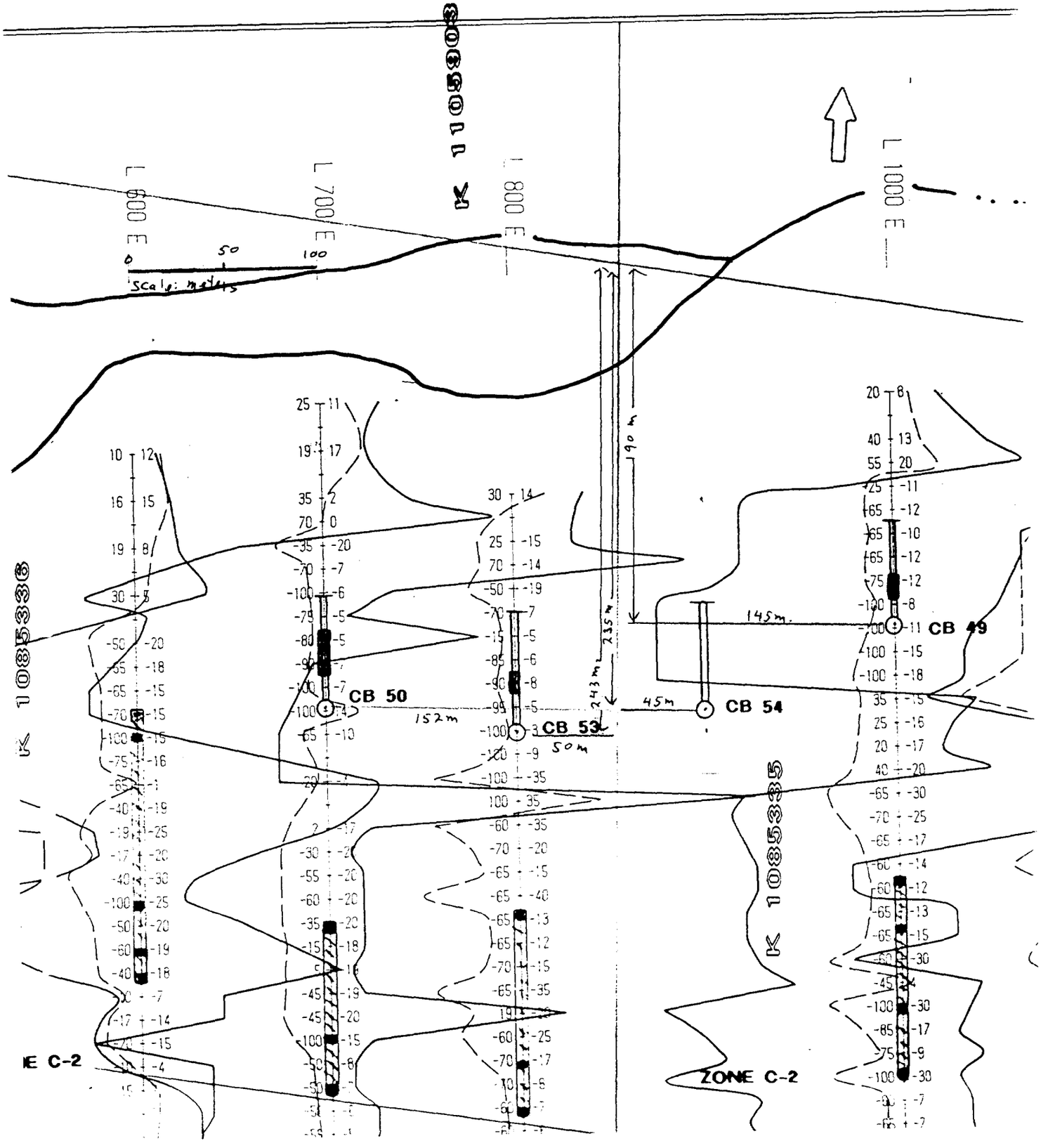
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
466.00	469.00	3.00	6287	626	30	2655	1.1	429	10.42	40
469.00	472.00	3.00	6288	269	34	897	1.0	572	8.65	26
472.00	474.00	2.00	6289	29	23	109	0.2	343	2.60	18
474.00	486.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
486.00	491.70	5.70	6290	26	14	118	0.3	291	1.77	18
491.70	496.00	4.30	6291	19	10	64	0.3	251	1.44	11
496.00	503.00	7.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
503.00	504.50	1.50	6292	34	19	115	0.3	427	2.54	17

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB052

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
	526.0	~ E.O.H.											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K 1085335
L 600 E
L 700 E
L 800 E
L 1000 E
0
50
100
Scale: meters
CB 49
CB 50
CB 53
CB 54
145m.
152m
50m
45m
90m
235m
243m
ZONE C-2
IE C-2

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB053
Collar Eastings: 800.00
Collar Northings: 225.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 296.00 feet

Logged by: P. Barc
Date: Feb. 22-24, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	6.0	(CASING)											
6.0	69.7	(AMPHIBOLITE - BANDED)	0.00	68.10	68.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Green-white-typical iron formation; epidote-plag banded, garnet-epidote minor section, 18-20 ft. Coarse grained, 60%, biotite, epidote. Banded at 70 to C.A. Trace biotite banding. Uniform, finer/coarser fine grain/very fine grain section.	68.10	69.70	1.60	6302	112	2	38	TRACE	405	2.05	8
		30.2 - 31.0 Garnet banding, traces magnetite.											
		36.0 - 36.5 Serpentine prevasive banded to 54.0 garnet banding, cherty, biotite.											
		44.0 Finely banded, streaky, iron formation											
		61.0 Traces po in epidote-plag lenses.											
69.7	76.1	(CHERT-BANDED, PO MINERALIZED)	69.70	73.00	3.30	6303	130	28	109	0.7	769	7.66	16
		Greyish, white, beige banded chert? biotite disseminated, bands 5-10%, disseminated po 25% fine to medium grained blebs, change to traces po to 76.0 ft, increased biotite to 15-20%. Possible felsic-tuff fragmental, beige-black speckled cm lenses looks like clasts.	73.00	76.00	3.00	6304	54	32	91	0.3	505	3.95	8
		69.7 - .8ft cherty, grey, po cm band, pyrite brecciated.											
76.1	79.0	(CHERT-BANDED, PO MASSIVE SULFIDE SECTIONS, SPHALERITE)	76.00	79.00	3.00	6305	485	28	4031	1.2	913	13.68	34
		Grey, black, beige finely banded chert-biotite, trace, graphite .4ft section massive po, sulfide breccia; po with fine to coarse grained cherty angular clasts, angular to pebble size sections brecciated-banded chert with po, py-zns 2-3% cement-matrix.											
		76.1 .2ft banded chert.											
		76.1 .6ft Po, py, sulfide breccia po 70%.											
		76.6 - 79.0 Po cement in brecciated chert; po 40%, py 5%, zns 2-3%; zns best concentration in po - nearest to brecciated chert fragments, to 5%/.1ft.											
		78.7 - 79.0 Late quartz .1ft cross banded quartz flooding with py 60%, zns 10% mineralization; in weakly brecciated chert at contact.											
79.0	165.2	(AMPHIBOLITE BANDED)	79.00	81.00	2.00	6306	50	5	260	0.4	671	3.98	99
		Similar to previous. Disseminated po, py, banding to 81.0.	81.00	165.00	84.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB053

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
165.2	167.0	(CHERT-BANDED) Greyish-beige chert, biotite, felsic tuff? brecciated, black serpentine banding, traces pyrite.	165.00	167.00	2.00	6307	43	12	58	0.4	500	2.92	20
167.0	186.0	(FELSIC TUFF) Grey-black banded speckled biotite 10%, muscovite 5%, weak plag phyric textured sections. Traces garnets-banding, Minor epidote-plag, trace pyrite cm bands. Sections very fine grained, very finely banded; cherty on rhyolite, reddish banded; hematite. 173.0 - 177.5 Reddish banding, muscovite, change from very fine grained, cherty?, to biotite, garnet rich. Pyrite bands disseminated fine grained 5-10% 176.0 - 177.5. 173.0 - 174.0 Cherty?, pyrite, traces graphite. 177.5 - 186.0 Felsic tuff, grey, white speckled, black banded, biotite rich. 183.8 - 185.0 Po cm massive band. Disseminated po 20% traces py, garnets.	167.00 173.00 177.50 183.00	173.00 177.50 183.00 186.00	6.00 4.50 5.50 3.00	N.S. 6308 N.S. 6317	N.S. 48 N.S. 76	N.S. 14 N.S. 27	N.S. 200 N.S. 150	N.S. 0.2 N.S. 0.5	N.S. 443 N.S. 508	N.S. 3.85 N.S. 6.01	N.S. 32 N.S. 39
186.0	195.3	(AMPHIBOLITE BANDED + FELSIC TUFF SECTIONS) 186.0 - 187.0 Epidote-hornblende, quartz banded, grey, white, green, contorted foliation, .2ft drag folds, po, py 25%, in noses of folds. 187.0 - 188.4 Grey, black banded, white speckled plag phyric fine grained uniform felsic tuff. Sharp contacts. 188.4 - 191.0 Banded amphibolite, very fine hornblende-epidote banded, epidote-plag-po trace, cm lenses 20%, mm bands, green/black/white, trace po mm bands. 191.0 - 192.0 Felsic tuff. Sharp contacts? 192.0 - 195.3 Banded amphibolite.	186.00 191.00	191.00 195.30	5.00 4.30	6309 6310	66 68	5 16	116 126	0.3 0.3	451 520	3.64 3.69	75 46
195.3	201.5	(CHERT MINERALIZED PY) Orange, grey, very fine grained, finely brecciated, pyrite mm cemented. 195.3 - 199.8 Orange banded, brecciated, broken core 1.5ft. green-clay-coated core. Cm py+/-green clay mineral band at 199.7. Fault Gorge. 199.8 - 201.5 Brecciated, grey chert, foliai contorted foliation, biotite, rhyolite .1ft irregular oriented late stringer, cementing brecciated chert. Trace zns fine grained blebs in py. Minor po, total py 30%, po 5%, +/- greenish epidote? mineral.	195.30 199.80	199.80 201.50	4.50 1.70	6311 6312	260 257	20 26	1272 1305	0.5 1.0	653 1050	5.58 9.30	29 66
201.5	204.0	(FELSIC TUFF - WEAKLY MINERALIZED - PO)	201.50	204.00	2.50	6313	63	21	284	0.2	426	4.87	26

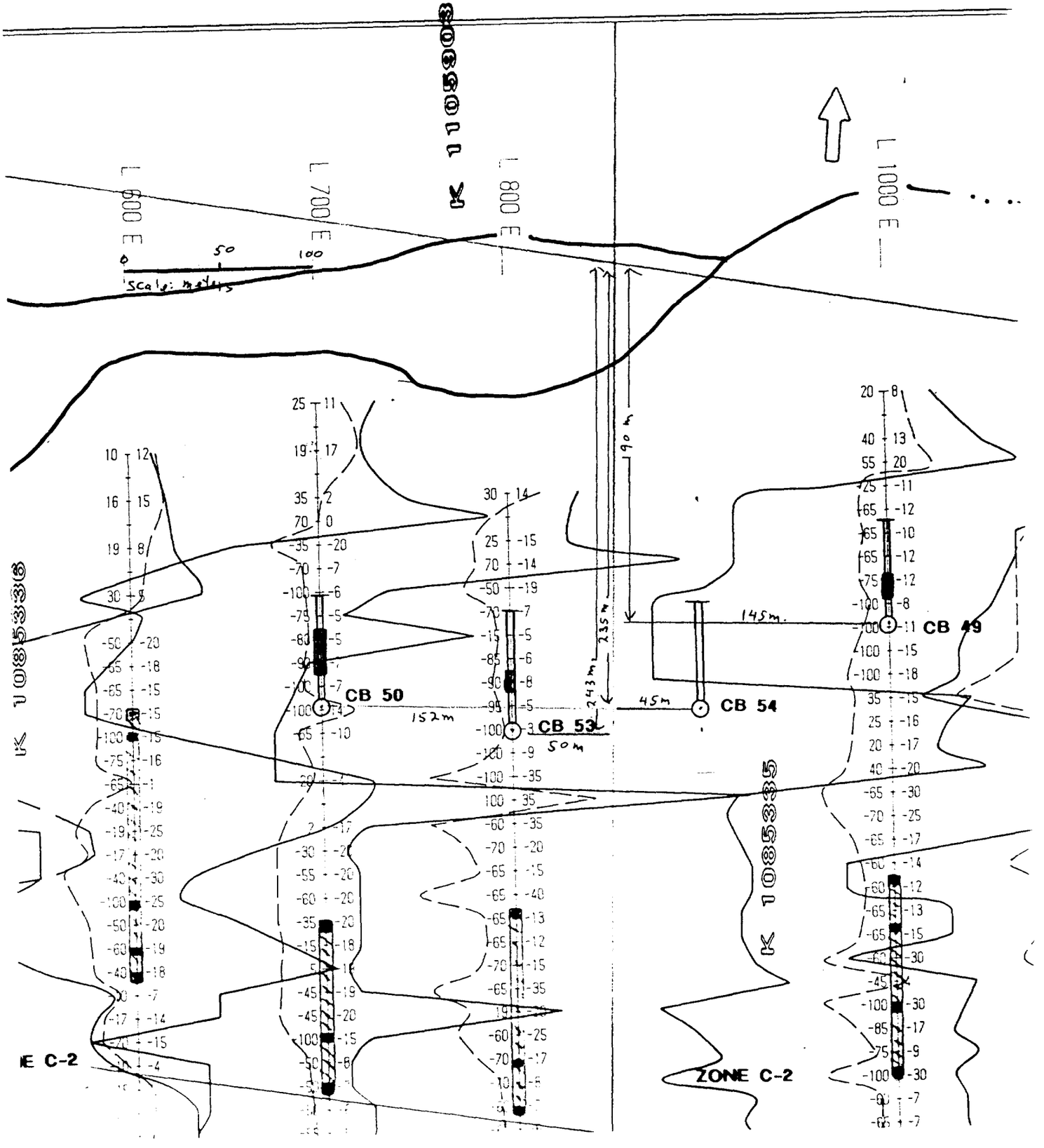
CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB053

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
		Possible chert, greyish, biotite, <5%, biotite increased, muscovite near gran pegmatite at 204.0. Disseminated po change from 15% to trace at 204.0. Whitish-fine banding; sericite? at 202.0. Epidote, plag? banded near 202.0; greyish cherty cm oval fragments 203.0. Sharp contact 204.0. to 203.0 Chert? 203.0 - 204.0 Plag-whitish phyric, biotite, muscovite, Felsic tuff.											
204.0	216.6	(GRANITE PEGMATITE) Pink, medium grained, uniform, minor coarse grained section, traces fine - medium grained garnet, biotite ti?? muscovite on fracture where foliated 90 to C.A.											
216.6	296.0	(FELSIC TUFF) Grey, uniform quartz-feldspar-biotite-muscovite schist. Muscovite banding. Occassional cm muscovite-quartz cm lenses; fragments. Sections 5% reddish,hematite altered, beige yellowish sericitized traces garnets fine grained in epidote-quartz .1ft banded section. Weak plag phyric medium grained textured 80-90 to C.A. Traces disseminated pyrite along foliation planes. 135.0 .5ft garnet-epidote band. Trace garnet, epidote, po. 155.3 - 157.5 Granite pegmatite Grey, pink mottled cm felsic, muscovite, biotite bands, Traces garnet, to coarse grained aphitic. 91.0 .5ft. quartz flooded banded section. Cherty occassional bands, inc. 145.0 to 10-20% to 1ft bands, grey. 234,0 Orange, grey, hematite 254.0 Grey uniform quartz-B-K trace garnet 279.0 Epidote rich band .2ft fragment?	204.00	296.00	92.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

296.0 - E.O.H.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L 600 E
L 700 E
L 800 E
L 1000 E
0
50
100
Scale: metres
K 1085336
K 1085335
CB 50
CB 53
CB 54
CB 49
152m
50m
45m
145m.
243m
235m
90m
ZONE C-2
ZONE C-2

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB054
Collar Eastings: 900.00
Collar Northings: 232.00
Collar Elevation: 0.00
Grid: Grid C

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 266.00 feet

Logged by: P. Barc
Date: Feb. 24-25, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	5.0	(CASING)
5.0	15.2	(AMPHIBOLITE BANDED) Green, white, hornblende-epidote-plag with epidote-plag mm to cm banding 20% finely banded, foliated at ~70 to C.A. Biotite banding, trace coarse grained garnet banding, sercite cm white medium grained pegmatite. .2ft band rusty leached white fine grained aphitic pegmatite. Highly schistoce, rust-surface oxidized core, fractured.
15.2	16.5	(PO-MASSIVE SULFIDE) Po matrix sulfide breccia, cherty fine grained clasts, po cemented. Banded chert-fragments section finely brecciated total po 60%, py 15%, sharp lower contact.
16.5	18.7	(CHERT BANDED) White, black speckled, banded; chert, biotite 5% oval cm13mm lenses; quartz-biotite, fine grained in very fine grained matrix; lighter coloured, possible felsic fragments. Foliated, banded at 0-5 to C.A. Traces po, py.
18.7	19.9	(PO-MASSIVE SULFIDE) Uniform po 70%, very fine grained, with cherty rounded clasts, grey fine to coarse grained, 30%, brecciated chert-po cemented .1ft at 18.7. Traces zns in brecciated chert, po, py, at lower contact, 12ft with change in foliation 180.; drag fold.
19.9	82.8	(AMPHIBOLITE BANDED) Hornblende, epidote, plag, biotite banded, mm scale, very finely banded, green-white-black banded, traces fine graine garnet. Weak epidote-plag banding development. Rusty banding leached py cm cross band 20.7. Stained fe fractures. 24.7 - 25.0 White granite pegmatite, medium grained. Pale. epidote rich, plag amphibolite. 26.0 Epidote-plag mm to cm banded, coarsely banded, garnet-biotite 5%; cm to .2 ft disseminated banding +/- cherty? 43.8 - 44.2 Granite pegmatite pink-black fine prev. banded margin. Quartz cm band at contact. 52.2 - 53.5 - Granite pegmatite, pink, fine grained, .1 ft assimilated xenolite to 56.0. Minor cherty? greyish bands.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	15.00	15.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
15.00	16.60	1.60	6314	379	51	2186	0.5	1480	17.84	20
16.60	18.50	1.90	6315	89	26	753	0.3	648	4.64	18
18.50	20.00	1.50	6316	486	38	1024	TRACE	754	20.35	62
20.00	70.30	50.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
70.30	74.00	3.70	6339	138	7	186	TRACE	424	3.02	12
74.00	76.60	2.60	6340	181	6	92	0.3	539	2.84	16
76.60	82.80	6.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB054

FROM	TO	LITHOLOGICAL DESCRIPTION
		58.4 - 59.3 Fine grained grey/known banded fine grained quartz-biotite schist; fine grained felsic tuff? Trace py on foliation planes. Garnet to 76.0 59.3 Quartz grey banding 20%. Garnet-epidote-quartz banding 10%, cm to .2ft bands, +/- trace po, py, biotite. 72.6 Trace zns with po in garnet-quartz-biotite band .2ft. 76.0 Silicified, quartz banding, mm, 10%, fine quartz, plag cross bands, pervasive banding in epidote-plag streaky banded amphibolite. 76.3 .2ft band; chert? brecciated, black mineral coating; serpentine. Traces pyrite, po.
82.8	101.5	(RHYOLITE - PO, PY MINERALIZED SECTIONS) Sharp contacts, Inhomogenous units. Rhyolite - generally greyish, fine grained, uniform, white speckled, muscovite, biotite banded. Py, Po banding, disseminated, in sections 20-30%, 1-2ft, mm bands, blebs, coarse grained section very fine grained, ornage grey-beige; chile margin rhyolite sections quartz-plag-biotite +/- trace garnet, felsic tuff, greyish, black banded, trace garnets. 82.8 - 86.5 Rhyolite + epidote-plag fragments with biotite garnet cm rims, contorted foiations py banding, mass py sulfide breccia cm - .1 ft bands in brecciated rhyolite Py 25%, traces cpy; mm band at 83.0, disseminated fine grained 86.5 - 89.0 Rhyolite, beige + white fine coated cross fractures. 89.0 - 09.0 Very fine grained, sericite, grey-beige-orange po, py. 90.0 - 91.4 Felsic tuff? biotite, trace garnet 91.4 - 97.0 Rhyolite, muscovite, sericite, biotite trace. Py 25% to 92.0, po 10%, trace zns. 92.0 - 96.0 Minor po, py in rhyolite, traces zns fine grained blebs near 93.0. 96.0 - 97.0 Cherty? bands in rhyolite-banded, muscovite, weak felsic fragmental textured, whitish clasts, sulfide clasts, Po 25%, traces py, biotite. 97.0 - 101.5 Felsic tuff; biotite, white-plag phyric 5%, muscovite plus rhyolite sections, po, py mineralized. 97.0 - 98.0 Biotite-felsic tuff, trace po, py 98.0 - 98.3 Felsic; rhyolite, po 30%, rhyolite 5% 98.3 - 99.2 Felsic tuff - biotite, muscovite, trace 99.2 - 101.5 Banded rhyolite, beige, grey, fine sericite banded, minor po, py banding, 15% total) change to 5% - fine

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
82.80	85.00	2.20	6341	631	8	313	0.1	1160	11.68	19
85.00	86.50	1.50	6342	182	15	246	TRACE	833	13.49	12
86.50	89.00	2.50	6343	34	10	63	0.5	386	3.47	20
89.00	91.40	2.40	6344	37	10	124	0.6	454	3.43	23
91.40	93.00	1.60	6345	70	20	210	0.3	628	9.13	12
93.00	95.00	2.00	6346	52	22	202	TRACE	804	7.77	41
95.00	97.00	2.00	6347	80	26	308	TRACE	470	9.00	12
97.00	99.20	2.20	6348	50	20	324	TRACE	602	6.17	20
99.20	101.50	2.30	6349	45	17	254	0.1	406	6.29	15

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB054

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		grained disseminated at 101.5. Weak fragments felsic visible as 1 cm, trace garnets.											
101.5	114.8	(FELSIC TUFF) Fine to medium grained, grey-black biotite banded 10-15%, weak white-plag phyric medium grained. Uniform traces sillimanite 109.0. trace po.	101.50	114.80	13.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
114.8	119.7	(FELSIC TUFF + CHERT BANDED, PY, GRAPHITE, PO ZNS, CPY) Finely banded tuff, very fine grained, muscovite, biotite laminations grey, orange, hematite altered banding, whitish bands; plag, trace epidote. Biotite rich, py-quartz cm band at 115.0 - 116.0.	114.80	119.70	4.90	6350	104	8	949	0.1	823	5.21	108
119.7	130.0	(CHERT BANDED, PO, PY, ZNS, CPY MINERALIZED SECTIONS) Grey, black chert, chert+graphite, biotite banding, po, py 5%, with muscovite disseminated bearing sections, orangish, rhyolite sections brecciated cherty, finely contorted banded chert brecciated sections po, py, traces zns, cpy mineralized po to 30-40%/1.5ft, py 5-10%, traces zone, cpy, 5% fragments oval, felsic to cm size in brecciated chert-po. Graphite 5-10% over narrow sections, black as bands in banded chert, biotite ,5%. 119.7 - 120.5 Chert, graphite, po, py, trace zns. 120.5 - 125.0 Chert finely banded, minor graphite-po-py .5 ft section, total po 5-10%, py 1-2% zns trace. 125.0 - 126.3 Chert brecciated, po 30%, py 10%, graphite, traces zns. Felsic fragments? 126.3 - 128.0 Finely banded chert, minor graphite, sulfides minor fragments texture. 128.0 - 130.0 Cherty, contorted finely foliated section, biotite 5-10%, minor po, py concentrated sections total po 5%, traces cpy zns.	119.70 122.00 124.60 126.30 128.00	122.00 124.60 126.30 128.00 130.00	2.30 2.60 1.70 1.70 2.00	6351 6352 6353 6354 6355	416 370 492 244 308	21 23 42 30 42	2025 1313 3675 1637 2761	1.3 0.9 0.3 0.3 0.3	888 783 664 812 748	10.13 10.36 11.67 8.32 8.14	50 166 20 21 37
130.0	141.0	(RHYOLITE BANDED, WEAKLY PO, MINERALIZED SECTIONS) Very fine grained, orange, hematite, banded with intercalated cherty-po, py zns mineralized sections. 130.0 - 133.2 Grey, orange, black muscovite, biotite banded rhyolite, py, po 5% change to 20% to 133.2. 133.2 - 134.7 Late shear, intensely brecciated, orange-pervasively stained broken core, .2ft section fault gouge. Weak pyrite mineralized 134.7 - 136.0 Orange banding, .5ft cherty, po, py banded section traces zns.	130.00 133.00 135.00 139.00	133.00 135.00 139.00 141.00	3.00 2.00 4.00 2.00	6356 6357 6358 6359	204 321 199 110	25 24 21 28	1871 1875 804 202	TRACE 0.4 TRACE 0.4	578 715 620 468	6.89 8.37 8.56 6.74	13 31 44 109

CHAMPION BEAR RESOURCES LTD.

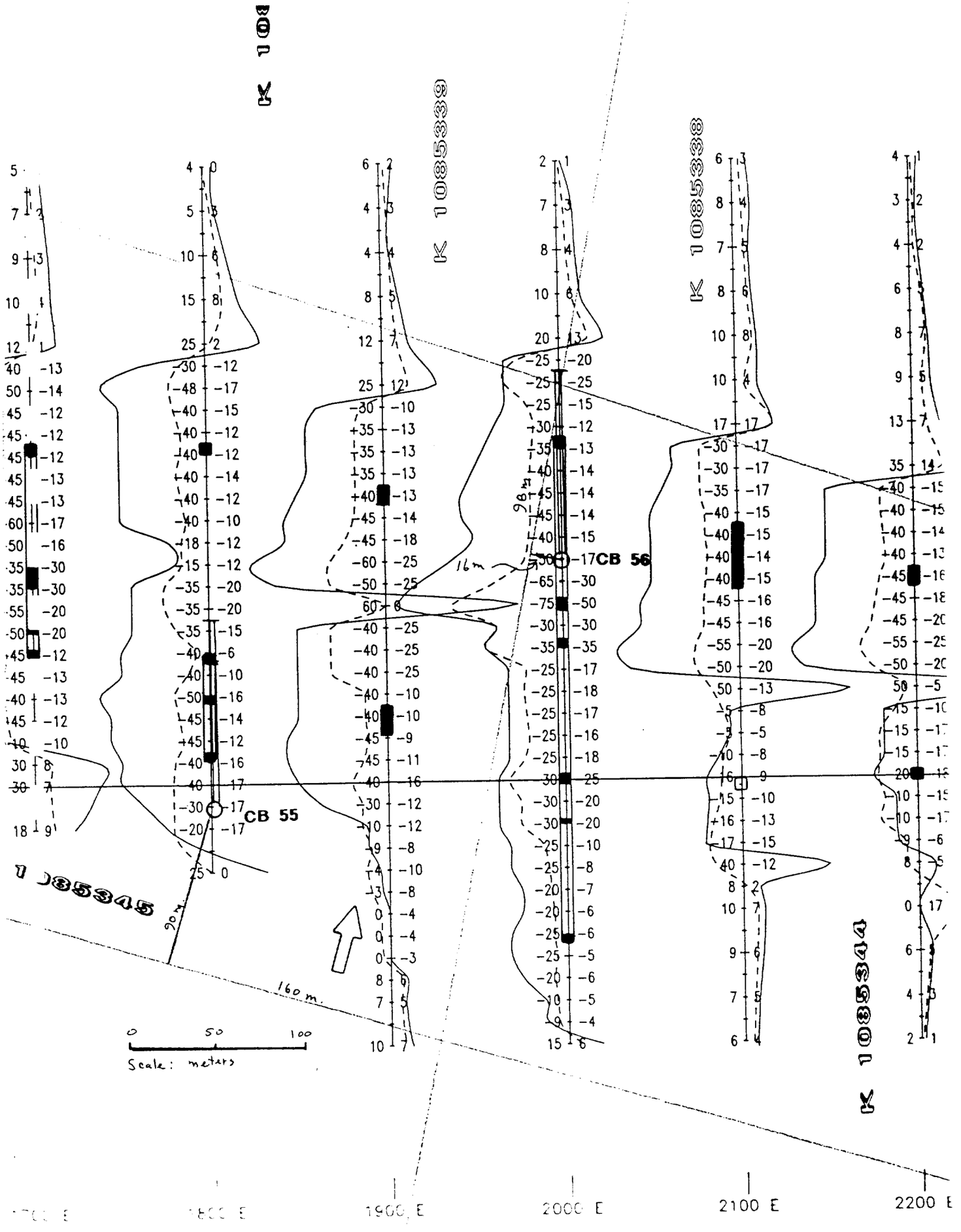
DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB054

FROM	TO	LITHOLOGICAL DESCRIPTION
		136.0 - 137.0 Disseminated po 15-20% in greyish chert. 137.0 - 139.0 Cherty-po, py, zns, brecciated chert sections, po + py to 40%/ft. Rhyolite-muscovite bearing sections. 139.0 - 141.0 Disseminated po in rhyolite 20% change to 0 gradational lower contact; last po, py, banding, presence of biotite.
141.0	266.0	(FELSIC TUFF) Grey, black banded, white speckled quartz-plag phyric, biotite banded, gradual increase to fine grained, finely banded schist Uniform. 212.0 - 213.0 Biotite rich, contorted foliation, po mineralized 15%, epidote-plag. Plag, quartz banded. Contact margin felsic tuff, greyish, biotite/pale-grey biotite muscovite finely banded. 215.0 - 215.6 Grey cherty, finely brecciated, black mineral cemented section, traces pyrite 212.0 - 215.6. 215.6 Finely banded, very fine grained sections, muscovite biotite, uniform trace garnet fine medium grained banding, plag banding. 256.0 Finely grained uniform biotite, muscovite, grey, biotite block banded, weak plag phyric. Trace fine grained garnet. Minor whitish-alteration bands; sericite, plag, quartz; gradational to, less biotite banding, last medium grained phyric. 261.0 Fine grained absence of quartz, plag phyric, last epidote-plag cm lenses. Trace fine grained garnets. 286.0 Fine grained, finely banded, quartz, muscovite, 5-10%, biotite 5%, grey, white, beige banded. Felsic tuff-muscovite sericite, banded. Very fine grained, fine beige-greyish, greenish banding, 10% to .3ft.,sericite-potassic alteration on fractures. Epidote-plag cm banding, traces. 2 sections cm - .5ft, cherty? fine brecciated with black-cement fine cross banding chert. Trace py.

266.0 - E.O.H.

ASSAYS										
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
141.00	211.80	70.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
211.80	213.00	1.20	6360	62	61	137	0.2	1250	5.73	54
213.00	216.00	3.00	6361	27	14	74	0.1	799	3.38	23
216.00	266.00	50.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.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K 1085339
K 1085338
K 1085344
1085345
CB 55
CB 56
16m
90m
160 m.
0 50 100
Scale: meters
1900 E
2000 E
2100 E
2200 E

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB055
Collar Eastings: 1815.00
Collar Northings: -10.00
Collar Elevation: 0.00
Grid: Grid J

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 506.00 feet

Logged by: P. Barc
Date: Feb. 25-26, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	34.0	(CASING)											
34.0	36.0	(GABBRO)	0.00	36.00	36.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		34.0 - 34.8 Coarse grained, greenish, epidote rich, Boulder?											
		34.8 - 35.5 Granite pegmatite; white, biotite, magnetite, no visible sulfides, boulder?											
		35.5 - 36.0 Fine grained; bedrock.											
36.0	226.2	(BANDED IRON FORMATION)	36.00	41.00	5.00	6406	58	15	70	TRACE	266	17.87	3
		Inhomogenous unit; magnetite rich, mm to cm banding, top 40'	41.00	46.00	5.00	6407	49	13	65	TRACE	243	18.09	6
		Sulfides concentrated in lower 30' nearest 206.0'. Generally	46.00	51.00	5.00	6408	145	11	68	TRACE	218	19.64	23
		fine grained, greenish, white, black banded white-green-	51.00	56.00	5.00	6409	123	14	180	TRACE	287	13.46	1150
		black; chert-magnetite-epidote-hornblende+/- biotite.	56.00	61.00	5.00	6410	110	13	119	TRACE	356	10.63	304
		Variably proportioned banded, on a mm-cm scale. Garnetiferous	61.00	66.00	5.00	6411	90	4	38	TRACE	354	7.80	734
		sections, usually as cm to .2' bands isolated with 20-30% to	66.00	71.20	5.20	6412	150	18	84	0.3	310	8.51	365
		60% fine to medium grained pink garnet in epidote, biotite	71.20	76.00	4.80	6413	194	9	61	0.2	414	9.40	192
		banded sections. Occassional pale yellow-greensih bands,	76.00	81.00	5.00	6414	149	12	54	TRACE	421	9.24	142
		assimilated with epidote-banding alteration.	81.00	86.00	5.00	6415	300	6	200	0.3	722	6.01	86
		Majority of content is cherty bands, 50%	86.00	91.00	5.00	6416	45	8	25	TRACE	744	7.16	91
		magnetite banding 25%, po 5%, epidote hornblende 15%, garnet	91.00	96.00	5.00	6417	90	13	68	TRACE	315	6.72	46
		5% traces biotite banding to 1-2%.	96.00	101.00	5.00	6418	99	10	43	TRACE	665	9.22	81
		Sulfide content ~5% po, concentrated in sections 5-10' with	101.00	106.00	5.00	6419	83	3	20	TRACE	240	6.82	13
		mm streaky po banding to 10-15%.	106.00	109.00	3.00	6420	100	9	27	TRACE	318	5.92	36
		Generally finely banded, narrow; .5' section drag folded.	109.00	111.30	2.30	6421	24	4	10	TRACE	187	5.05	35
		39.5 Serpentine-epidote band; talcose, soft.	111.30	116.00	4.70	6422	13	4	11	TRACE	184	5.43	217
		36.0 - 86.0 5-10% Garnetiferous bands.	116.00	119.10	3.10	6423	31	7	13	TRACE	246	4.87	81
		36.0 - 82.0 Magnetite rich, 60%, minor po banding in cherty	119.10	123.00	3.90	6424	154	16	261	TRACE	405	12.60	10
		section 50'-56'.	123.00	126.00	3.00	6425	89	11	104	TRACE	258	13.39	7
		44.0 - 45.3 Hornblende, biotite, mafic dike. Gabbro.	126.00	131.10	5.10	6426	76	1	105	TRACE	285	11.55	2
		65.0 - .3' late quartz band.	131.10	136.00	4.90	6427	126	9	161	TRACE	304	10.17	20
		65.0 - 78.0 Po banding 5-10%, po with garnet banding	136.00	196.00	60.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		86.0 - 119.0 Epidote-altered yellowish pale green banding -	196.00	201.00	5.00	6428	31	3	15	0.2	531	5.08	21
		rich, 30-40%, magnetite, chert-poor iron Formation. Garnet	201.00	206.00	5.00	6429	58	9	27	TRACE	637	6.68	5
		cm to .5' bands 10%.	206.00	208.10	2.10	6430	388	9	88	TRACE	358	15.62	TRACE
		101.0 - 108.0 Quartz flooding.	208.10	211.20	3.10	6431	84	TRACE	59	TRACE	437	8.00	34
		86.0 - 176.0 Minor po.	211.20	215.00	3.80	6432	55	1	34	TRACE	787	8.23	3
		119.0 - 140.0 Cherty, epidote, garnet 30% sections.	215.00	216.50	1.50	6433	148	TRACE	39	0.3	659	13.73	14
		140.0 - 151.0 Magnetite rich, 50% magnetite.	216.50	220.30	3.80	6434	33	4	64	TRACE	277	4.74	13
		151.0 - 166.0 Cherty, garnet bands, epidote, minor magnetite	220.30	223.40	3.10	6435	165	15	30	0.6	607	7.70	33

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB055

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		166.0 - 171.0 Magnetite rich. 171.0 - 176.0 Cherty, epidote, garnet, biotite. 176.0 - 200.0 Epidote rich, greenish, beige-alteration-banding, Minor po to 5% in cherty bands 191-196' Minor garnet 200.0 - 205.0 Garnet 1' banding near 205.', po 205.0 - 224.0 Po best concentration; 10%, sections to 50%/2' at 205.' 206.0 Po to .2' bands, po mass band in brecciated, finely contorted cherty sections. Po-cherty sections epidote, magnetite, traces garnets. 220.5 - 224.0 Po, chert, magnetite, garnets, epidote-alterated bands, epidote. 224.0 - 226.1 Gabbroic alteration of iron formation 60%. Epidote-plag greenish, white speckled, medium grained rich 15% garnets, magnetite banded, to cm bands; 25%. Minor disseminated po. 226.1 .2' massive po band.	223.40	226.20	2.80	6436	143	8	71	1.0	1348	19.18	9
226.2	233.3	(HORNBLENDE-EPIDOTE-BIOTITE-PLAG SCHIST) 226.1 - 227.5 Epidote-plag speckled fine grained uniform schist; possible gabbro; whitish coated - fractures - mm scale 227.5 - 233.3 Banded amphibolite, possible pillowed volcanic; biotite, banding; uniform biotite after hornblende; contact margin of gabbroic intrusion.	226.20	232.70	6.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
233.3	236.0	(BANDED IRON FORMATION) Epidote rich, chety. Minor po, garnet, magnetite. Greenish, black banded, minor grey banding; 70 to C.A. 5% magnetite. 10% po to cm bands, .1'. Minor fine to coarse grained garnet.											
236.0	387.5	(GABBRO) Very fine grained, greenish black, chill margins at 236.' Gradual increase in grain size to medium grained, others decreased grain size to 387.5, hornblende-epidote speckled texture, uniform composition, texture. 367.0 cross fracture 20 to C.A. py, serpentine coating.	232.70 236.20	236.20 380.00	3.50 143.80	6437 N.S.	327 N.S.	13 N.S.	79 N.S.	0.6 N.S.	536 N.S.	9.18 N.S.	79 N.S.
387.5	391.4	(GABBRO) Very fine grained, sharp contact, uniform. Hornblende, biotite, epidote; late very fine grained dike. 391.0 Silicified; pale green, contact margin.											
391.4	394.5	(CHERT BANDED, PO MINERALIZED) Cherty, grey to black, finely po-mm to cm laminated, po 30%,	380.00 391.50	391.50 393.50	11.50 2.00	6438 6439	147 170	TRACE 11	73 643	0.6 0.1	359 516	6.35 9.82	9 14

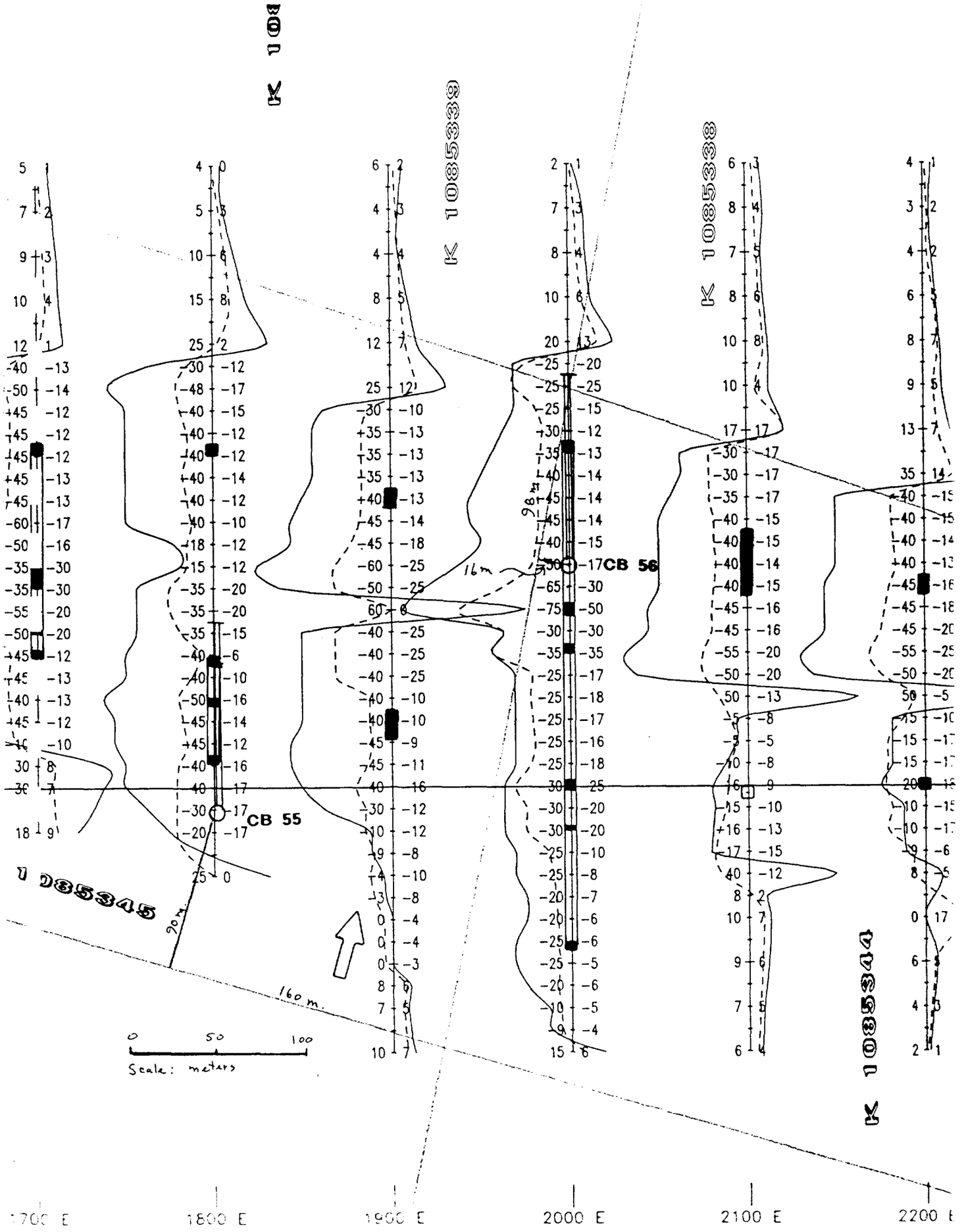
CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB055

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		po-chert brecciated sections; fine grained cherty clasts. Hornblende-serpentine, black, biotite very fine grained banding 25%. Weak clastic textured; cherty-po laminated schist with fine to coarse grained oval cm felsic grey clasts. 391.4 - 393.5 Uniform, po 30%, graphite. 393.5 - 394.5 Plag-epidote-late vein .5', .5'section po-cherty sulfide breccia with fine grained cherty clasts, in angular-brecciated cherty section po 50%.	393.50	394.50	1.00	6440	329	5	180	1.2	1244	19.14	TRACE
394.5	413.0	(GABBRO)	394.50	408.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Very fine grained, uniform, similar to previous, 395.0 Cm quartz-serpentine-po cross band at 20 to C.A. 408.0 - 410.0 Traces py, + biotite mm bands, streaks. Oval plag-epidote lenses; phenocrysts.	408.00	410.00	2.00	6441	143	9	27	0.2	266	2.39	4
413.0	506.0	(AMPHIBOLITE)	410.00	506.00	96.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Pilloved metavolcanic Minor epidote-plag, biotite +/- garnet cm bands. Po; 2 -cm sections banding in epidote, biotite, garnet banding. 494.0 - 495.0 Silicified, garnet, biotite, traces po.											

506.0 - E.O.H.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K 1085338
K 1085344
1085345
CB 55
CB 56
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90 m.
16 m
98 m
0 50 100
Scale: meters
1700 E
1800 E
1900 E
2000 E
2100 E
2200 E

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB056
Collar Eastings: 2000.00
Collar Northings: 125.00
Collar Elevation: 0.00
Grid: Grid J

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 506.00 feet

Logged by: P. Barc
Date: Feb. 26-27, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	05.0	(CASING)											
05.0	24.0	(AMPHIBOLITE)	0.00	16.00	16.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Pillowed; very fine grained greenish, finely foliated, banded	16.00	17.80	1.80	6442	90	4	42	0.5	675	2.84	143
		at 60 to C.A. Epidote-plag mm to cm streaky bands, minor	17.80	19.00	1.20	6443	172	TRACE	193	0.2	1704	11.45	69
		biotite mm bands. Trace garnet banding.	19.00	24.00	5.00	6444	130	TRACE	275	0.6	1150	8.46	132
		19.0 - 24.0 Argillaceous .3' interband, biotite banding,											
		in rusty, broken core section. Late weak shear.											
		18.0 - 18.6 *Epidote-plag-po disseminated 35%, trace pyrite,*											
		pale green-white speckled po,											
		18.6 - 19.0 Garnets-biotite-serpentine-epidote banded.											
		19.0 - 24.0 Schistose broken core, vuggy, epidote-plag											
		lenses tr po,py, rusty leached sections. Sections .3' X 3											
		serpentinized, silicified, biotite banded, pyrite mineralized											
		to 40%/.2'.											
24.0	29.0	(FELSIC TUFF)											
		Greyish, quartz-feldspar-biotite schist. Uniform, finely											
		banded, fine grained speckled white quartz phyric.											
29.0	41.2	(AMPHIBOLITE BANDED)	24.00	36.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Weakly banded, epidote-plag; silicified-plag, biotite .5'	36.00	41.00	5.00	6445	50	7	34	0.2	260	2.90	56
		near 41.2.											
		37.0 - 41.0 Py banding; minor.											
41.2	48.9	(CHERT BANDED, GRAPHITE, PO, SULFIDE-BRECCIA SECTIONS)	41.00	44.00	3.00	6446	316	11	248	0.5	707	16.94	8
		Laminated to brecciated chert - with po 50%, graphite.	44.00	46.00	2.00	6447	426	19	210	0.7	877	22.78	TRACE
		Po as cement in brecciated chert-graphite sections.											
		Chert-sections often felsic, cherty pebbles-clasts, angular,											
		Weak augen-textured sections.											
		42.0 - 44.4 Laminated chert-po+brecciated chert.											
		44.4 - 45.0 Po fine grained sulfide breccia.											
		45.0 Sedimentary textures in laminated chert-biotite-po 40%											
		schist.											
		46.0 - 48.9 Sedimentary texture, coarse oval fragments in											
		laminated chert.											
48.9	71.5	(AMPHIBOLITE BANDED)	46.00	49.00	3.00	6448	545	17	661	0.6	1347	20.43	9
		Pale green, silicified, finely banded, biotite 30% to <5%.	49.00	51.00	2.00	6449	140	9	82	0.3	432	4.62	129
		Weak plag phyric textured sections.	51.00	62.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB056

FROM	TO	LITHOLOGICAL DESCRIPTION
		49.0 - 49.5 Weak serpentinized, black bands, pyrite bands. 62.0 Py-biotite - .1' band. 69.0 - 71.5 Grey-cherty? bands in silicified amphibolite, disseminated po, py.
71.5	72.3	(CHERT-PO-BRECCIA) Brecciated cherty schist, po 60% cemented, angular pebbles cherty.
72.3	73.0	(CHERT-PY-BRECCIA)
74.0	77.0	(CHERT)
77.0	80.0	(CHERT-BRECCIA) Greenish-epidote-chert-biotite-graphite, angular fragments. 78.7 Trace cpy.
80.0	83.5	(AMPHIBOLITE SILICIFIED) Pale green, epidote, quartz banded. Dark green-epidote rich bands. Late quartz-py-calcite bands, py-quartz vuggy .1' to .6' bands. Py 30%, biotite 15%, quartz, minor dark epidote-plag-hornblende? bands. Schistose sections. White grains; rhombic crystals; medium grained, cordierite.
83.5	141.0	(AMPHIBOLITE BANDED) Epidote, plag, biotite, 15-20% banding; uniform. Tract po. Minor fine grained, massive, weakly foliated 2' sections. 90.0 - 141.0 Trace py in light - silicified bands, serpentine, black bands.
141.0	168.2	(AMPHIBOLITE) Pillowed volcanic, minor, wide spaced epidote-plag mm to .4' bands, minor biotite mm bands. Trace po. 136.0 - 137.0 Broken core, late shear, greenish-talcose-serpentine.
168.2	262.7	(GABBRO) Fine grained, uniform, foliated 60 to C.A., minor sections medium grained, trace po, magnetite on foliated bands. 200.0 - 219.0 Trace po, Trace cpy. 220.0 - 240.0 Greenish, epidote rich. 240.0 - 259.0 Black, very fine grained, hornblende, quartz, minor epidote. 259.0 - 261.0 Granite pegmatite, white, garnet, biotite,

ASSAYS

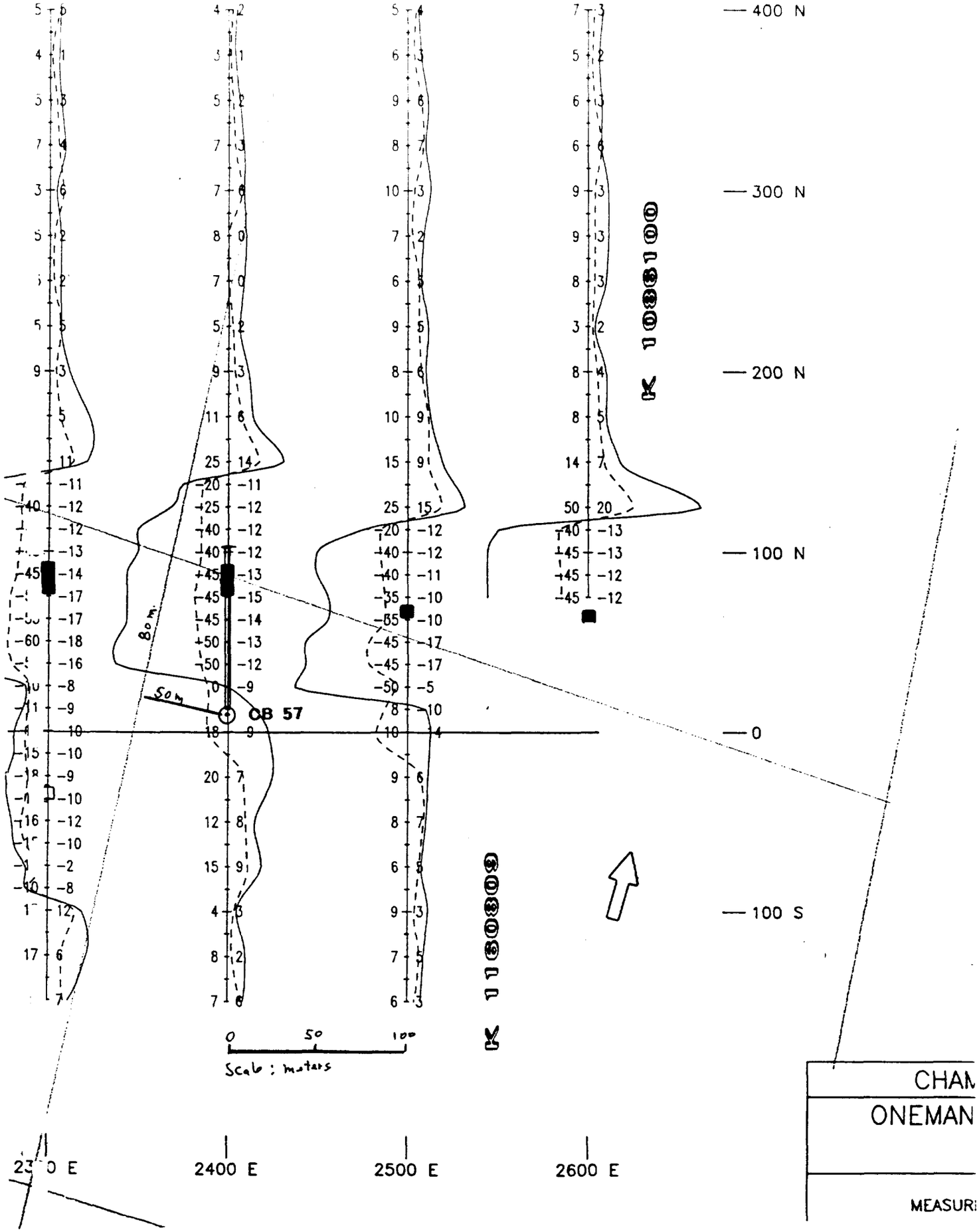
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
62.00	66.00	4.00	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
66.00	69.70	3.70	6450	65	12	52	0.4	1248	3.94	123
69.70	71.50	1.80	6451	185	12	52	0.4	797	9.13	111
71.50	73.00	1.50	6452	533	14	175	0.4	965	26.27	TRACE
73.00	76.00	3.00	6453	569	33	179	1.3	351	36.77	4
76.00	78.00	2.00	6454	674	33	353	1.5	1491	33.08	65
78.00	80.00	2.00	6455	724	18	353	1.2	876	30.09	24
80.00	83.50	3.50	6456	255	4	576	0.9	854	13.32	21
83.50	174.50	91.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
174.50	176.00	1.50	6457	212	6	59	1.0	208	3.33	14
176.00	178.50	2.50	6458	182	7	40	0.9	219	2.38	53

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB056

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		biotite rich margins.											
262.7	285.0	(AMPHIBOLITE) weakly biotite, epidote-plag banded; possible pilloved volcanic. Trace dissimenated Py medium grained along foliation planes. Trace Po in epidote-plag .2' band.											
285.0	331.4	(GRANITE PEGMATITE) White, coarse grained, pegmatite, lim muscovite, biotite, traces garnet. Foliated 60%. 1.5' weakly assimilated banded amphibolite section. 311.0 Trace py, cpy. 314.7 - 317.7 Amphibolite. Pilloved volcanics.											
331.4	337.7	(AMPHIBOLITE BANDED, WEAK PO MINERALIZED) 331.4 - 334.0 Biotite, minor banding, trace po, mm bands. 334.0 0 337.7 Gabbro, fine grained, uniform, minor banded. trace po, biotite-rich lower margins.											
337.7	353.8	(GRANITE PEGMATITE) Similar to previous. Coarse grained, pegmatite, uniform. Biotite, lim muscovite, garnet, trace beryl.											
353.8	506.0	(AMPHIBOLITE) Pilloved volcanic. Weak, minor epidote-plag, biotite banded, 5%, quartz-garnet-epidote bands sections. Uniform. Trace py along cross fracture coating. 367.0 - 386.0 Quartz-garnet-epidote bands to .4' X 4, occassional trace po. 386.0 + minor epidote-plag, uniform, trace po. 387.5 - 388.5 2-bands, .2', .4' quartz-garnet, epidote, plag, epidote-banded rims cm. 394.6 Trace cpy in po mm streaky band.	178.50	506.00	327.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		506.0 - E.O.H.											


400 N
300 N
200 N
100 N
0
100 S
2400 E
2500 E
2600 E
OB 57
80m
50m
0
50
100
Scale : meters
CHAM
ONEMAN
MEASURI

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB057
Collar Eastings: 2400.00
Collar Northings: 10.00
Collar Elevation: 0.00
Grid: Grid J

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 436.00 feet

Logged by: P. Barc
Date: Feb. 28-29, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	13.0	(CASING)
13.0	51.2	(GABBRO) Fine, green-white speckled; hornblende-epidote-plag quartz, biotite weak-foliated to well foliated at 30-40°, at 60 to C.A. Slickensides sections biotite-disseminated, banding No visible sulfides. 13.0 - 16.0 Rusty, fractured, cross fractured core, surface oxidized. 31.0 - 32.0 Serpentinized, rusty fractures. 32.0 - 51.2 Serpentinized, decreased fractures, cross fractures.
51.2	112.0	(GRANITE PEGMATITE - BIMODAL) Pink, coarse grained to pegmatite, fine grained phases 86.0 - 112.0; biotite, coarse grained, in 1-2' sections, in quartz rich sections. Sections coarse grained greenish crystals tourmaline/.3' 1in muscovite, disseminated in K-spar rich sections. Trace pale green fine grained beryl. Trace fine grained black crystal uraninite. 56.0 Be crystals; pale green cm band. 51.2 - 91.0 Rusty fractures. 100.0 - 105.0 Banded amphibolite-xenolith-biotite rich.
112.0	134.0	(AMPIBOLITE BANDED) Biotite, epidote-plag banded, change in biotite from 10% to trace mm to cm banding. Banded at 50 to C.A. Weak serpentinized bands, minor weak-plag phyric-porphyoblast-aggragates. Trace py on foliation planes, +/- biotite, serpentine. 120.0 Granite pegmatite 1.5' section + altered amphibolite.
134.0	143.0	(GABBRO) Fine grained, uniform, speckled, weak foliated, absence of banding.
143.0	153.7	(AMPHIBOLITE) Pillowed volcanic-weak biotite, epidote-plag wide spaced 1-2' bands, mm - cm wide. Weak plag phyric sections - minor. 152.5 - .7' Granite pegmatite, white, magnetite, biotite banded margins.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	48.00	48.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
48.00	51.20	3.20	6493	59	13	84	TRACE	1394	7.90	2511
51.20	153.50	102.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB057

FROM	TO	LITHOLOGICAL DESCRIPTION
		159.0 - .3' Granite pegmatite.
153.7	155.4	(GRANITE PEGMATITE - PO, PY, ASPY MINERALIZED) White-green milky coloured plag-rich, biotite banded. .2' band assimilated xenolith. Po-interstitial mm-cm clots, bands. Po 15%. Py near to /bottom .1' contacts; vuggy, quartz Py 5-10%. Aspy-medium grained crystals disseminated in po, py stringers.
155.4	227.0	(AMPHIBOLITE BANDED) Similar to previous. Trace po, occassional mm band. Increased biotite, epidote banding %. 194.0 Po in .2' epidote-plag band, serpentinized bands. 211.0 -.8' quartz, epidote band.
227.0	244.0	(AMPHIBOLITE BANDED, WEAK SILICIFIED, PO-SULFIDE BRECCIA SECTIONS) Greenish-black banded epidote-hornblende banded amphibolite with beige-grey cherty? very fine grained silic sections, very fine grained quartz-biotite banded milky coloured sections. *Po as 1.5' po banding, .3' sulfide breccia section in altered* amphibolite silicified section. Py also as occassional disseminated-stringer in altered: mafic sections, traces within po-sulfide breccia; medium grained crystals. Total 5%, sections 1.' to 50%. Py-minor, .5mm cross band at 20 to C.A. 227.0 - 231.6 50% beige-cherty banding, minor epidote, hornblende banding, biotite banded. 3-.2' sections white-green plag, epidote on quartz, po banded 20%, very fine greenish bands? 228.7 Mafic relicts in altered mineralized schist. Po 50%. 231.5 - 232.5 Po sulfide breccia, whitish felsic angular clasts, cherty fine grained clasts, greenish epidote rich angular clasts, greenish cherty pebbles. Remobilized? in brecciated chert-biotite-po section. 232.5 - 237.2 Hornblende, quartz-biotite minor banding. Banded amphibolite weak altered green-black section. Trace po. 237.2 - 240.0 Beige, green-black banded, altered section. 238.0 - 239.4 Po mineralized; interstitial stringers in pale beige cherty brecciated schist. Po 20%, py<5%. Finely fractured, quartz healed - mm cross bands 239.4 - 243.4 Altered amphibolite; greenish-epidote, hornblende biotite rich patches, unaltered, with fine cross fractures, 20 to C.A. Quartz-rich, with beige-silicified margins, altered amphibolite, black-serpentinized coatings.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
153.50	155.60	2.10	6494	223	5	49	0.2	860	7.57	873
155.60	227.00	71.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
227.00	229.00	2.00	6495	86	8	201	0.5	2455	8.70	141
229.00	231.50	2.50	6496	72	4	159	0.5	1712	6.59	45
231.50	233.00	1.50	6497	276	12	448	0.8	1699	23.05	14
233.00	237.30	4.30	6498	37	8	38	0.2	328	3.69	45
237.30	240.00	2.70	6499	90	8	103	0.4	677	7.90	12
240.00	243.50	3.50	6500	49	1	56	0.5	984	5.61	23

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB057

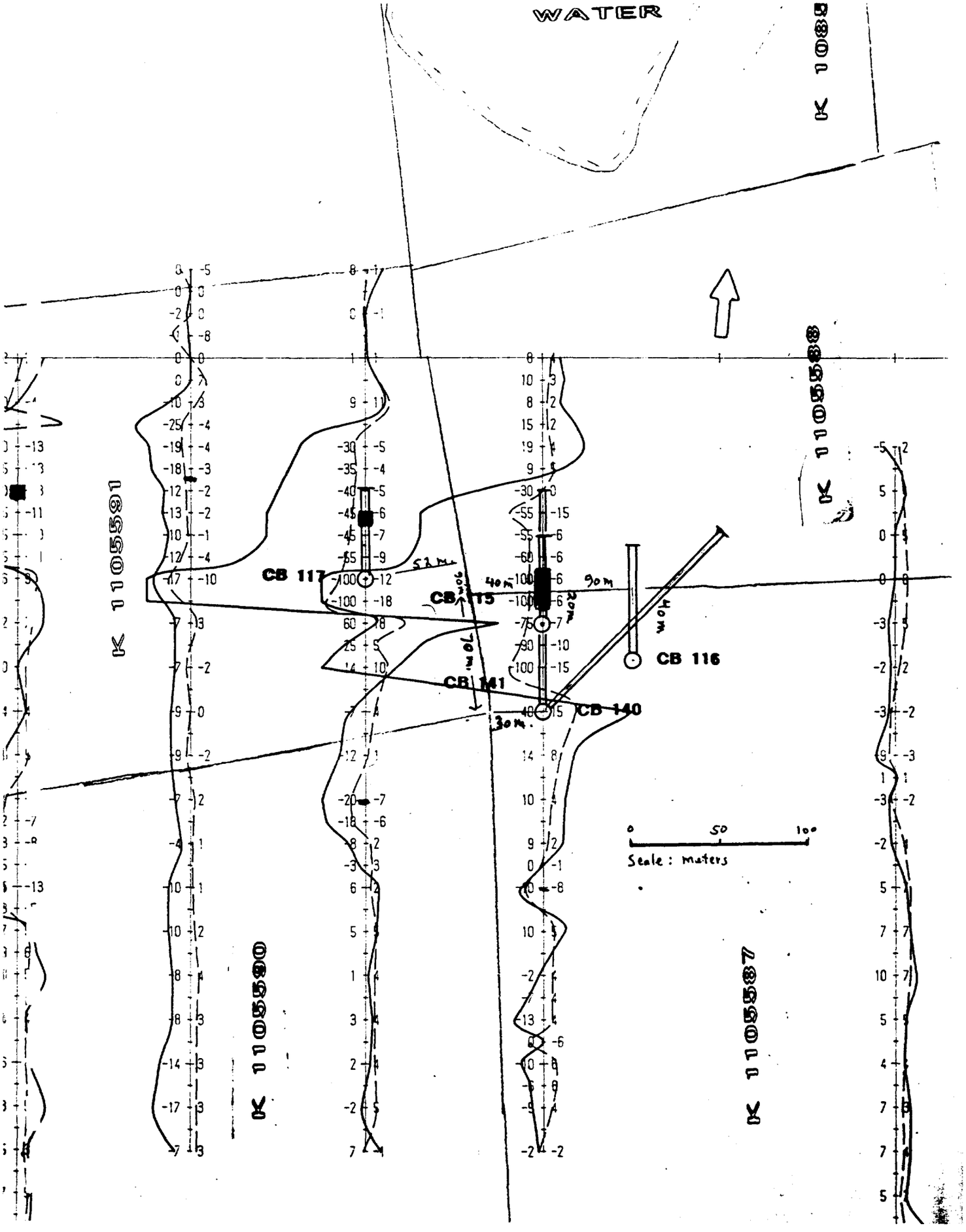
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		243.4 - 244.0 Quartz, gradational to massive po mm bands in cross fractures.											
244.0	252.6	(PO-SULFIDE BRECCIA)	243.50	246.20	2.70	6501	430	19	236	1.0	1980	30.73	18
		Po 70%, finely brecciated-cherty beige "clasts", epidote,	246.20	249.00	2.80	6507	430	45	137	0.7	542	36.62	3
		plag whitish disseminated fine grained, coarse grained	249.00	251.00	2.00	6508	512	23	153	0.3	918	30.61	14
		"clasts" near lower margin. Remobilized - non foliated											
		251. 2' traces zns.											
252.6	260.0	(AMPHIBOLITE BANDED, ALTERED WEAKLY SILICIFIED PO)	251.00	253.00	2.00	6509	392	38	549	0.5	694	31.16	4
		(MINERALIZED SECTIONS)	253.00	256.00	3.00	6510	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Gradational, beige biotite, greenish-quartz, granitic fine	256.00	258.00	2.00	6511	76	16	46	TRACE	438	6.15	286
		grained? banding; Occassional epidote-green banding, horn-											
		blende, patches gradational 90% beige-quartz-silicified change											
		to 256' to 20% .2'-.5' beige-altered banding + weak po											
		mineralized sections.											
		252.6 - 256.0 Altered amphibolite, traces po, cm blebs.											
		2 - .2 sections whitish coarse grained granite 20-30%											
		interstitial po.											
		256.0 - 260.0 3 - .2' sections granite, whitish, with											
		greenish plag, interstitial po bands.											
		In weakly altered hornblende-epidote-plag-sericite-biotite											
		schist. Gradational to biotite-banded altered amphibolite.											
260.0	269.0	(AMPHIBOLITE-BIOTITE BANDED)	258.00	261.00	3.00	6512	49	5	38	0.1	257	3.93	36
		Foliated crenulated sections 60 change to 20 to C.A.	261.00	266.00	5.00	6513	43	9	30	0.2	251	2.69	93
		267.0 - 269.0 60 to C.A., quartz banding, trace po.											
269.0	279.0	(AMPHIBOLITE BANDED, WEAKLY SILICIFIED, MINERALIZED SECTIONS)	266.00	271.00	5.00	6502	81	NIL	32	0.3	255	3.53	25
		Variable, gradual increase to 279.', Green, beige banded,	271.00	276.00	5.00	6503	61	13	34	0.2	350	4.07	63
		green-white epidote-plag banding, silicified .1'-.2' sections	276.00	278.00	2.00	6504	75	9	50	TRACE	305	6.27	12
		Po banding, change to trace 5-10%; Minor pyrite, po bands											
		concentrated in altered amphibolite sections											
		278.6 - 279.0 Altered-silicified - 100%.											
279.0	286.0	(PO-SULFIDE BRECCIA SECTIONS + AMPHIBOLITE ALTERED)	278.00	280.00	2.00	6505	129	16	86	TRACE	769	7.99	16
		279.1 - .6' Po-sulfide breccia po 70%, cherty subrounded	280.00	283.00	3.00	6506	411	25	194	0.4	2425	33.32	TRACE
		clasts											
		279.6 - 283.0 Amphibolite altered hornblende, minor quartz-											
		py cm band, silicified.											
		283.0 - 286.0 Po sulfide breccia, brecciated chert-biotite											
		grey angular clasts, green epidote patchy fragments.											
286.0	297.0	(AMPHIBOLITE + BANDED ALTERED)											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB057

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
									ASSAYS				
		Biotite banded, occassional, quartz mm beige banding. 296.0 - 296.5 Pale-epidote-plag rich alteration.											
297.0	436.0	(AMPHIBOLITE) Pillowed metavolcanic, 5% biotite, epidote wide spaced bands Minor fine grained pegmatite cm bands, trace serpentnized bands, slickensides. Trace po in epidote-plag lenses. 297.0 - 310.0 Change to absence of quartz-beige alteration 314.0 - 316.0 Garnet-quartz-epidote-plag band. 374.8 - 376.4 Late quartz vien; barren 402.0 - 404.0 Cherty, grey interband, serpentinized bands. 402.0 - 412.0 30% biotite, epidote-plag banding. 415.5 Contact coarse-banded-pillowe/ finely banded iron formation section.	283.00	436.00	153.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		436.0 - E.O.H.											


WATER
CB 117
CB 115
CB 141
CB 140
CB 116
51 m.
40 m.
90 m.
70 m.
30 m.
40 m.
0
50
100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: 0
HOLE No.: CB115
Collar Eastings: 8500.00
Collar Northings: 150.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 229.00 feet

Logged by: P. Barc
Date: Jan. 16, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	6.0	(CASING)
6.0	38.3	(BANDED AMPHIBOLITE) Inhomogenous unit.Banded sections,speckled sections. Sections black-white speckled,hbl-qtz-plag-ep,garnets. Granitized fg hbl banded,plag,foliated at 40 to CA.. variable,cnt'd foliation sections. Traces py,po. Sections hbl-qtz-garnet +/- mte-in garnetiferous sections. Variable bte banding,0 to 5-10% mm bands.Wkly to well banded,minor massive-wkly foliated hbl-qtz schist sections.
38.3	42.4	(GRANITE PEGMATITE) Pink-black-bte speckled.fg to mg,uniform composition,text., NVS.,Wkly foliated at 65 to CA..
42.4	98.6	(AMPHIBOLITE-BANDED) scattered garnets, similar to previous unit, foliated at 30 to C.A., minor plag speckled sections, minor epidote-plag-py lenses - cm scale, minor garnet rich sections ranging from trace to 30% garnets over .5', narrow Po rich sections with 10-20% Po 42.4 - 46.0 - weak silicified amphibolite, trace PoPy 46.0 - 83.0 - garnetiferrous, minor biotite bands, occass. highly contorted bands, narrow sections with 10-20% PoPy,fg 83.0 - 94.3 - Garnet bands-30%, Po-20%,fg disseminated, 15% epidote-plag lenses 94.3 - 98.6 - speckled hornblende-plag-biotite-qtz schist-granitized-contact margin granite-pegmatite 98.6 - .1' Py-Qtz vuggy band
98.6	102.4	(GRANITIC PEGMATITE) similar to previous, Py bands at upper and lower contacts
102.9	124.3	(AMPHIBOLITE-BANDED) banded sections, minor speckled sections,near granitic peg banded sections-fine grained black hornblende-epidote-plag-qtz-10%, biotite 10%, minor PyPo, up to 30% biotite in mm bands over 2' sections, minor f-coarse garnet-biotite in .3' sections, foliated and banded at 60 to C.A.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	89.00	89.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
89.00	94.00	5.00	5298	105	6	53	0.1	683	3.49	23
94.00	98.80	4.80	5299	146	12	65	0.2	410	3.21	58
98.80	102.80	4.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
102.80	106.00	3.20	5300	97	13	77	0.3	393	3.66	117
106.00	111.00	5.00	5301	60	4	32	0.2	280	2.66	52
111.00	116.00	5.00	5302	81	4	44	0.2	385	3.44	39
116.00	121.00	5.00	5303	50	23	94	0.4	643	3.28	9
121.00	124.30	3.30	5304	60	20	129	0.2	508	3.30	21

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: O
HOLE No.: CB115

FROM	TO	LITHOLOGICAL DESCRIPTION
		102.9 - 115.8 - banded 115.8 - 116.0 - garnet biotite banding 116.0 - 124.3 - speckled, granitized, disseminated fine grained Po 122.4 - 123.0 - granitic pegmatite 123.0 - 124.3 - Py-20%, xenolith in granitic pegmatite
124.3	134.0	(GRANITIC PEGMATITE) similar to previous, 1.5' assimilated xenolith-trace Po
134.0	182.4	(CHERT-PO-GRAPH-BIOTITE - BANDED) 60% of section is Po rich sulfide breccia sections with traces sphalerite and chalcopyrite, 30% banded chert clasts fine to pebble size, angular to rounded, generally weakly foliated at 70 to C.A., minor sections 0-10 to C.A. 30% of section finely laminated chert with up to 50% Po, 5% graphite, <5% biotite, 2-3% sphalerite over narrow sections, gradual decrease in sulfides down section, 10% granitic pegmatite sections, pink, fine grained, garnetiferrous 134.0 - 135.3 - chert, 30% fine grained Po, biotite 135.3 - 137.8 - laminated Py-20%, graphite, minor granitic pegmatite, contorted foliation 137.8 - 142.0 - laminated Po-chert-graphite-biotite, traces sphalerite and chalcopyrite, Po increases from 25% to 50% down section, minor Py 142.0 - 147.3 - Po sulfide breccia, minor Py, 1-2% sphal., traces Cpy, fine to coarse cherty and chert banded fragments 147.3 - .1' Py-black clayey-serpintine coatings on X-fract. 147.3 - 150.0 - granitic pegmatite, coarse grained, pink, garnetiferrous bands or xenoliths 150.0 - 155.4 - Po sulfide breccia,minor fine grained laminated cherty sections, traces Sphal. 155.4 - 157.2 - granitic pegmatite, garnetiferrous 157.2 - 161.6 - banded chert, 45% Po, minor graphite, biotite, Sphal streaks, minor sulfide breccia sections, 1.5' granitic pegmatite section 161.6 - 180.8 - laminated Po-chert-biotite-graphite schist, minor Po sulfide breccia sections, gradational to 70% Po, and brecciated banded chert clasts, 1-2% Sphal. with slight increaseed content in sulfide breccia sections, foliation at low angle to C.A. 163.3 - .3' granitic pegmatite 181.0 - 182.4 - banded chert-biotite-10% Po, traces Sphal.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
124.30	134.00	9.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
134.00	137.80	3.80	5305	304	24	3048	0.8	507	8.90	20
137.80	140.00	2.20	5306	327	41	5869	0.8	322	11.13	20
140.00	142.00	2.00	5307	206	29	5842	0.4	424	9.24	78
142.00	145.00	3.00	5308	1244	56	5450	1.6	419	16.81	51
145.00	147.30	2.30	5309	765	67	4414	1.7	496	19.95	61
147.30	150.00	2.70	5310	70	25	735	0.5	677	3.68	12
150.00	153.00	3.00	5311	757	46	2652	1.2	439	16.79	28
153.00	155.40	2.40	5312	958	73	5839	3.9	565	20.82	427
155.40	157.20	1.80	5313	79	44	429	0.4	882	1.93	14
157.20	159.30	2.10	5314	239	18	719	0.2	707	8.13	18
159.30	161.00	1.70	5315	75	29	1344	0.2	287	3.26	12
161.00	163.00	2.00	5316	408	27	4026	0.6	391	9.62	4
163.00	166.00	3.00	5317	418	40	3812	0.6	277	12.93	10
166.00	169.00	3.00	5318	517	29	5673	0.2	460	10.81	6
169.00	171.20	2.20	5319	463	22	6389	TRACE	341	12.06	TRACE
171.20	173.00	1.80	5320	319	28	6932	0.2	371	11.60	TRACE
173.00	176.00	3.00	5321	452	52	3747	1.6	482	14.26	6
176.00	178.00	2.00	5322	340	22	2739	1.4	206	12.47	4
178.00	181.00	3.00	5323	759	29	4114	1.1	347	15.66	12

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: O
HOLE No.: CB115

FROM	TO	LITHOLOGICAL DESCRIPTION
		late Py-Qtz-biotite in narrow cm bands
182.4	187.1	(GRANITIC PEGMATITE)
		pink, fine grained, weakly foliated at 70 to C.A.
187.1	208.4	(GRANITIC PEGMATITE & CHERT-PO SECTIONS)
		75% pink, fine grained granitic sections, traces garnets
		25% fine to 6' bands with 50% chert, 30% Po, 10% graphite,
		10% biotite, minor Py, traces Sphal., minor sulfide breccia
		Po decreases from 60% to <20% in cherty sections,
		minor whitish, felsic tuff fragments in weakly brecciated
		laminated chert sections, traces fine to medium crystals of
		cordierite and sillimanite
		187.1 - 188.5 - laminated chert, Po, traces Sphal., .6'
		granitic pegmatite
		188.5 - 191.0 - 1.5' pegmatite, .8' sulfide breccia with
		70% Po, 10% Py, 2% Sphal., traces Cpy
		191.0 - 192.0 - laminated chert, 40% Po, 4% Sphal in mm to
		cm biebs
		192.0 - 193.3 - granitic pegmatite, garnetiferrous
		193.3 - 193.9 - chert-Po assimilated xenolith
		193.9 - 194.7 - granitic pegmatite, garnetiferrous
		194.7 - 195.0 - chert-Po xenolith
		195.0 - 195.7 - granitic pegmatite
		195.7 - 197.8 - chert, 20-50% Po, graphite, biotite, chert-
		gradational from brecciated to finely laminated
		197.8 - 203.5 - granitic pegmatite, .2' qtz-biotite xenolith
		203.5 - 208.4 - felsic tuff, Qtz, 40% Po, biotite, graphite
		gradation to fine grained qtz-biotite schist
		207.5 - 208.4 - banded qtz-biotite-graphite schist, .2' fine
		grained sulfide breccia
208.4	229.0	(GRANITIC PEGMATITE & XENOLITHS)
		pink, fine grained, granitic pegmatite, weakly foliated at
		50 to C.A., assimilated qtz-biotite xenoliths, mineralized
		with up to 50% Po minor Po.
		narrow sections amphibolite-garnet with PoPy bands and
		epidote-qtz-plag-hornblende, minor biotite
		208.4 - 211.4 - granitic pegmatite, .2' biotite-qtz-garnet-
		Po laminated xenolith
		213.4 - 214.0 - banded amphibolite
		214.0 - 215.2 - white granitic pegmatite, .7' sectionof
		hornblende-biotite-garnet-Po
		215.2 - 228.8 - granitic pegmatite, coarse grained, traces

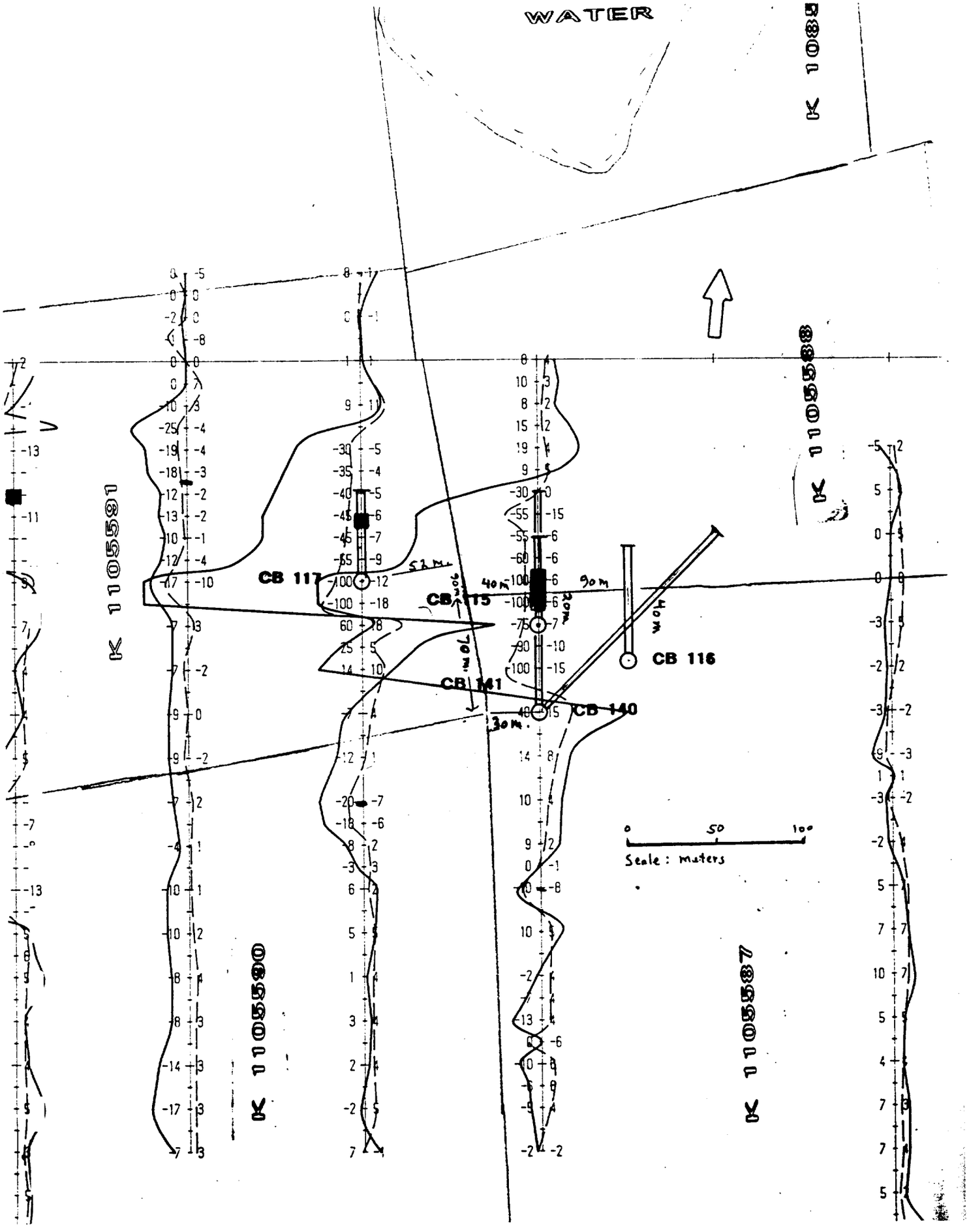
ASSAYS										
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
181.00	183.00	2.00	5324	131	25	1536	0.2	625	4.84	19
183.00	187.10	4.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
187.10	190.00	2.90	5325	89	35	1210	0.2	301	6.63	10
190.00	192.00	2.00	5326	179	45	1982	1.6	364	7.66	4
192.00	195.00	3.00	5327	108	35	1755	1.4	308	6.79	133
195.00	197.80	2.80	5328	504	39	5296	0.7	451	12.34	9
197.80	203.50	5.70	5329	72	31	396	TRACE	272	2.79	58
203.50	206.00	2.50	5330	365	28	2739	0.2	426	10.17	15
206.00	209.00	3.00	5331	316	16	1011	0.7	603	8.40	3
209.00	211.40	2.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
211.40	214.00	2.60	5332	153	27	312	0.6	522	10.37	53
214.00	218.00	4.00	5333	32	13	136	2.1	261	3.76	128
218.00	229.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: O
HOLE No.: CB115

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	ASSAYS Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		interstitial PyPo											
		228.8 - 229.0 - banded amphibolite, no visible sulfides											
	229.0 - E.O.H.												


WATER
K 110555 91
K 110555 90
K 110555 87
K 110555 88
K 1105 85
CB 117
CB 115
CB 141
CB 140
CB 116
52 m.
40 m
90 m
20 m
70 m
30 m.
40 m
0
50
100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB116
Collar Eastings: 8550.00
Collar Northings: 130.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 304.00 feet

Logged by: P. Barc
Date: Jan. 17, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	20.0	(CASING)
20.0	40.3	(GRANITE PEG. + MIN'D XENOLITHS) pink, fine grained, minor biotite, traces garnets, weakly foliated at 40 to C.A., 20 % xenoliths in 3 to 4.5' sections of brecciated chert, cemented with PyPo, .5' sections of laminated chert with 60% Py, 10-60% Po, up to 20% graphite, minor biotite, traces Sphal. 22.0 - .3' Po-chert-graphite-biotite 24.7 - 29.0 - 60% Py, 10% Po, graphite-biotite; .5' section Po-chert, traces Sphal. 27.5 - trace Sphal. 31.5 - 34.0 - 60% Po, laminated chert, minor Py, graphite, brecciated sections, traces medium grained Sphal near upper contact
40.3	56.8	(PO-CHERT-GRAPHITE-BIOTITE-SPHALERITE SCHIST) inhomogenous unit. 80% of unite chert-brecciated, Po cemented. Po 75%, graphite, biotite, fine grained Zns 2-3%. banded chert fine pebble size anguiar clasts. Po, graphite, biotite. 20% of unit. Narrow chert-banded section, chert-biotite-graphite-Po 15%, Zns trace. 5% fine grain oval-white-greenish clasts; plag-epidote rich. Occassional plag-quartz-biotite felsic pebble oval clasts. Minor granite pegmatite sections. 40.3 - 45.5 - Brecciated chert, Po 70%, to 40%, gradational to finely laminated chert-graph-biotite schist, Po 15%, Sphal. 3%. 45.4 - 51.5 - Chert banded, Po 40%, brecciated sections, trace Sphal. 2 - .5' granite pegmatites. 51.5 - 52.0 - Po 80% brecciated chert, banded, Sphal. 7%. 52.0 - 56.8 - Laminated, Po to 70%, traces Sphal. traces musc. fine grained oval whitish clasts.
56.8	87.8	(GRANITE PEGMATITE + PO MINERALIZED XENOLITHS) 80% of unit granite pegmatite, fine grained, pink coarse grained to pegmatite phases. Weakly foliated at 50 to C.A. 20 % of unit .5 - 2.5' bands quartz-muscovite-biotite +/- fine grained granet. Po 10-20%, sections Po 40%. Traces Sphal.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	24.60	24.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
24.60	28.40	3.80	5334	903	46	3228	2.0	384	14.96	21
28.40	31.50	3.10	5335	87	18	650	0.9	152	2.95	5
31.50	34.00	2.50	5336	535	46	4198	1.1	400	15.56	40
34.00	40.30	6.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
40.30	44.20	3.90	5337	724	50	6308	1.1	583	17.29	29
44.20	46.50	2.30	5338	256	31	3019	0.4	555	9.77	6
46.50	48.60	2.10	5339	220	31	6412	0.4	263	8.95	12
48.60	50.90	2.30	5340	480	37	7347	0.8	530	11.99	28
50.90	52.50	1.60	5341	503	38	6973	0.7	508	15.09	80
52.50	55.50	3.00	5342	417	33	2823	0.4	499	11.14	31
55.50	57.50	2.00	5343	294	24	2080	1.9	287	9.43	21
57.50	59.50	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
59.50	63.70	4.20	5344	132	19	524	0.4	57	4.33	12
63.70	66.00	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
66.00	68.50	2.50	5345	67	14	722	0.3	58	2.45	45

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB116

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		section 2%. Weak to well banded at 0 - 30 to C.A.	68.50	71.50	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		59.5 - 63.7 - Xenolith Po 25%, trace Sphal. on band.	71.50	75.00	3.50	5346	239	20	1337	2.2	98	9.41	6
		66.6 - 68.5 - Xenoliths 3 - .1' bands.	75.00	87.80	12.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		71.5 - 72.7 - Po 40%, trace Sphal.											
		72.7 - 75.0 - Xenolith bands, Po, trace Sphal., trace Aspy.											
87.8	258.0	(CHERT BANDED, PO + PO SULFIDE BRECCIA SECTIONS)	87.80	90.40	2.60	5347	417	31	5141	0.6	421	11.95	9
		Mineralized zone. Inhomogenous unit.	90.40	93.00	2.60	5348	274	26	3220	0.5	425	11.71	85
		75% sections chert banded, Po, graphite, biotite. Variable	93.00	95.10	2.10	5349	328	30	3715	0.4	305	11.62	24
		amounts, with traces Sphal. Sectins brecciated chert banded,	95.10	98.00	2.90	5350	446	44	6402	0.9	316	15.74	24
		Po cemented, Sphal 2 - 3% over narrow sections.	98.00	100.00	2.00	5351	620	70	6437	2.7	472	17.41	27
		15% Po, 70% quartz sulfide breccia sections, to 1'.	100.00	103.00	3.00	5352	296	25	2623	0.4	622	10.29	19
		No visiable Sphal.	103.00	105.00	2.00	5353	211	14	3005	0.4	589	8.32	26
		Traces on cpy bands in cross fractures in sections.	105.00	107.00	2.00	5354	113	16	1877	2.0	681	5.51	20
		Minor granite pegmatite sections, 2'/top 30'. Trace cpy,	107.00	109.60	2.60	5355	538	40	3650	1.1	580	15.83	26
		Sphal. Weakly granitized sections, lower portion of unit.	109.60	112.80	3.20	5356	40	26	293	1.0	90	1.89	TRACE
		Unit generally foliated at 50 to C.A. over 5-10' sections.	112.80	115.00	2.20	5357	250	78	2440	1.0	260	10.37	17
		Minor pyrite.	115.00	117.00	2.00	5358	967	30	2469	2.5	305	6.51	15
		87.8 - 95.1 - Laminated + breacciated chert, Po 20% to 60%,	117.00	120.30	3.30	5359	282	36	1968	0.8	434	13.13	26
		minor graphite, biotite, pyrite. Contorted foliation near	120.30	122.00	1.70	5360	297	39	279	1.1	757	14.19	65
		granite pegmatite 1.' .3' sections.	122.00	124.90	2.90	5361	556	43	1297	2.0	528	16.41	31
		95.1 - 109.6 - Po 70%, Py 10%/3', brecciated chert, Po cement,	124.90	127.00	2.10	5362	562	40	1751	9.0	301	16.46	45
		minor graphite-biotite. Fine grained Sphal 3%.	127.00	129.00	2.00	5363	404	30	1714	1.0	335	12.82	13
		109.6 - 112.8 - Granite pegmatite, foliated 40 to C.A. minor	129.00	131.00	2.00	5364	684	39	2977	2.6	436	13.36	21
		garnets.	131.00	134.00	3.00	5365	472	41	2697	1.1	265	16.96	19
		112.8 - 117.0 - Brecciated chert Po, gradational to laminated	134.00	136.00	2.00	5366	360	32	3916	2.5	229	12.83	41
		chert. Total Po 30%, Minor Sphal.	136.00	140.00	4.00	5367	466	37	4837	1.4	346	13.47	21
		117.0 - 140.0 - Brecciated chert, Po, Py cement, Sphal 2-3%.	140.00	142.00	2.00	5368	342	223	5335	0.7	700	11.23	82
		Minor Po-sulfide breccia sections, minor Py, traces Cpy.	142.00	146.00	4.00	5369	262	39	4099	1.0	476	11.18	32
		Minor chert banded section.	146.00	149.00	3.00	5370	350	18	3055	0.8	389	11.03	20
		5-10' sections foliated, 0 to C.A.; drag folded.	149.00	152.00	3.00	5371	311	31	3855	1.5	435	13.09	28
		Total Po 60%, Sphal 2%, narrow sections 5-10%. Traces Cpy.	152.00	156.00	4.00	5372	393	29	6557	0.4	468	8.95	12
		117.0 - 118.0 - Po sulfide breccia traces Cpy, Sphal along	156.00	158.20	2.20	5373	622	51	5643	4.7	380	19.03	43
		margins, chert clasts, Po.	158.20	161.00	2.80	5374	313	30	5025	5.0	415	10.58	11
		118.0 - 120.2 - Brecciated, laminated chert, graphite, bio.	161.00	164.00	3.00	5375	666	51	3559	4.7	514	17.01	46
		.3 quartz-Po-Sphal 10% matrix vien.	164.00	166.00	2.00	5376	769	40	3742	1.0	440	19.24	10
		120.2 - 122.0 - Po Sulfide breccia	166.00	168.70	2.70	5377	308	31	3808	0.2	485	11.42	7
		122.0 - 128.5 - Po sulfide breccia, banded chert clasts,	168.70	171.00	2.30	5378	375	22	2523	0.4	334	7.73	9
		trace Cpy, .3' qtz vein with 3% Sphal., greenish qtz, minor	171.00	174.00	3.00	5379	654	39	2538	3.9	544	14.53	33
		Po, muscovite, garnet	174.00	177.20	3.20	5380	680	40	4320	2.0	544	14.34	29
		126.0 - 127.0 - qtz flood vein, minor PoPy, foliated at low	177.20	179.00	1.80	5381	76	38	2497	0.7	209	3.42	134
		angle to C.A.	179.00	182.00	3.00	5382	463	38	4582	0.6	395	16.06	67
		128.5 - 129.4 - banded chert, biotite, minor PoPy, foliated	182.00	184.00	2.00	5383	417	47	4777	1.1	587	12.90	31
		at low angle to C.A.	184.00	186.00	2.00	5384	384	22	3468	0.6	370	13.13	33

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB116

FROM	TO	LITHOLOGICAL DESCRIPTION
		129.4 - 140.0 - Po sulfide breccia, minor Py, traces Sphal. in banded chert clasts and in minor 2' laminated chert-graphite section
		148.0 - 162.0 - laminated chert-Po-graphite-Py-biotite, .1' highly contorted banded chert, minor Po sulfide breccia , traces Sphal., general foliation at 40 to C.A. changing to 0 in sections
		153.5 - traces Cpy
		162.0 - 166.3 - chert, brecciated, 70% Po, graphite, biotite 2% Sphal.,
		166.3 - 177.2 - banded chert, brecciated, contorted foliation with sections parallel to C.A., 2% biotite increasing to 25% in sections,
		1.' late vein of qtz-Py-Po, 2% Sphal.in green-white chert-biotite schist
		172.2 - 179.0 - granitic pegmatite, pink
		179.0 - 191.6 - banded chert, 2 - 2' sections 40% Po, 15% biotite trace to 2% Sphal, sulfides finely banded, coarse grained aggregates garnet, minor fine to medium hornblende crystals
		granitized sections with medium grained biotite, green tinted qtz with garnetiferrous sections, occassional qtz-muscovite clasts in chert,
		2-3% fine to medium granular aggregates of Sphal. irregularly distributed with sections up to 5% Sphal.
		191.6 - 198.0 - chert-biotite, minor Po, gradual change in foliation to near parallel to C.A.
		198.0 - 203.0 - Sulfide breccia, 70% Po 2% Sphal, gradation to brecciated chert with 40% Po
		203.0 - 206.0 - chert-graphite-biotite, brecciated, cemented with 40% Po
		206.0 - 218.7 - banded chert, weakly brecciated, Po-chert minor Sphal sections, 2' Sulfide breccia, 50% Po, 2% Sphal. foliated at 20 to C.A. changing to 40 to C.A.
		218.7 - 228.5 - granitic pegmatite, 5' chert-Po xenolith
		228.5 - 258.0 - laminated chert, 50% Po, weak crenulated fabric, coarse qtz porphyoblasts, weakly granitized fabric weakly brecciated sections, minor Sphal., generally foliated at 40 to C.A. with sections parallel to C.A.
		254.0 - 254.7 - granitic pegmatite, green stained k-spar
258.0	262.0	(AMPHIBOLITE - BANDED)
		weakly silicified and weakly granitized, greenish-white and black, mm to cm hornblende-epidote-qtz bands with up to 20%

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
186.00	188.00	2.00	5385	490	10	6340	TRACE	463	11.87	4
188.00	190.60	2.60	5386	562	13	7366	0.8	457	14.31	34
190.60	194.00	3.40	5387	171	8	1232	TRACE	616	4.24	12
194.00	198.00	4.00	5388	158	29	1795	TRACE	286	5.53	TRACE
198.00	201.00	3.00	5389	333	13	3371	0.2	367	8.73	20
201.00	204.00	3.00	5390	488	17	4549	0.4	470	14.95	26
204.00	207.00	3.00	5391	256	13	3921	2.4	482	9.65	13
207.00	210.00	3.00	5392	399	15	4993	1.6	432	11.91	22
210.00	213.00	3.00	5393	363	20	4657	0.8	341	13.06	8
213.00	217.30	4.30	5394	513	19	1058	0.9	268	16.56	37
217.30	221.80	4.50	5395	140	19	499	0.5	311	6.33	4
221.80	224.30	2.50	5396	98	30	253	0.2	392	5.25	22
224.30	229.10	4.80	5397	202	17	220	0.4	490	8.72	71
229.10	234.00	4.90	5398	287	19	178	0.3	363	11.57	141
234.00	239.00	5.00	5399	289	13	145	0.6	437	12.55	223
239.00	244.00	5.00	5400	291	12	189	0.4	437	11.65	180
244.00	249.00	5.00	5401	286	8	152	0.5	376	11.20	43
249.00	253.00	4.00	5402	310	2	105	1.4	339	11.69	127
253.00	258.00	5.00	5403	285	3	112	2.1	286	11.17	27
258.00	261.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

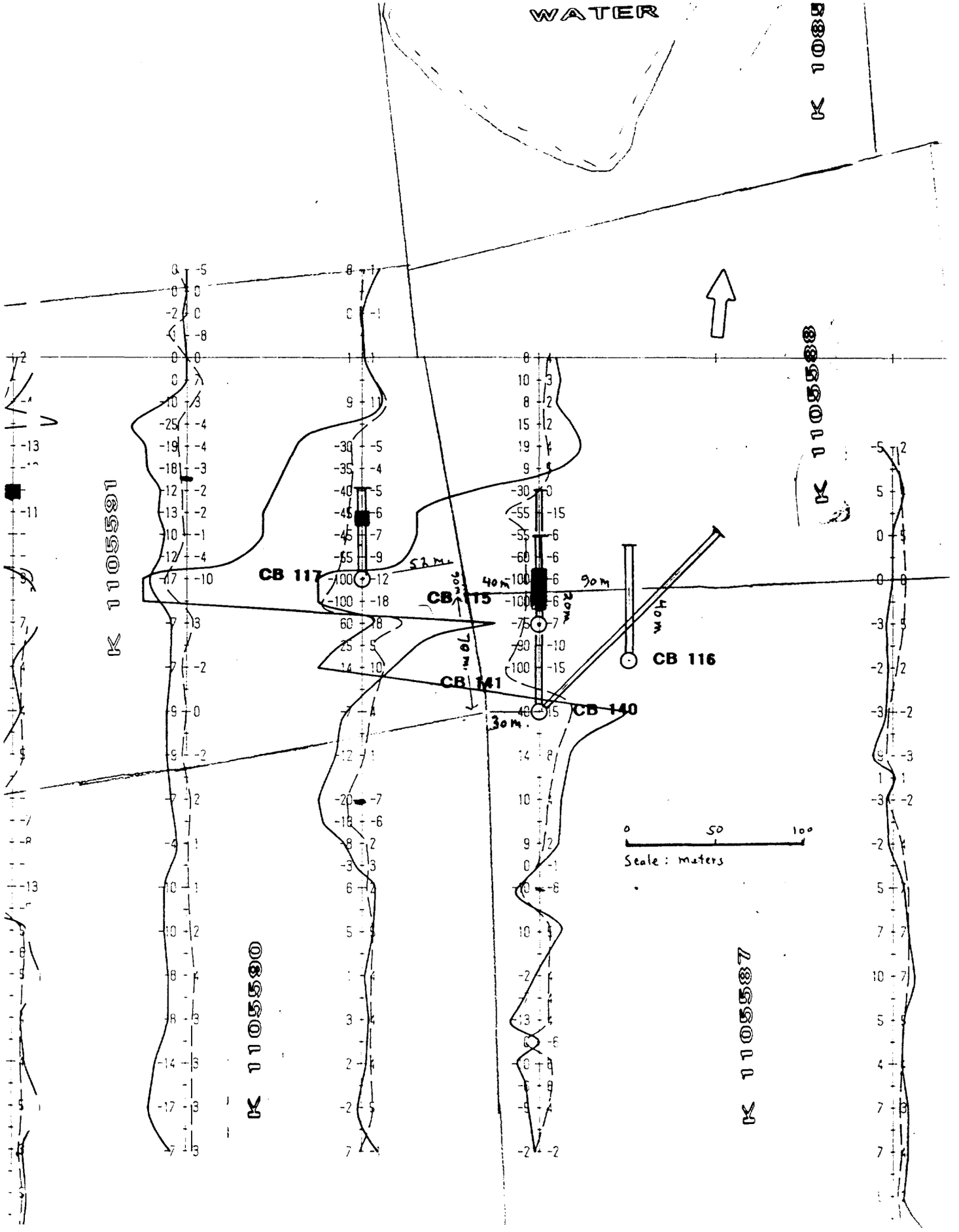
CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB116

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		biotite, minor PoPy, minor coarse grained porphyroblastic garnet bands, foliation at 40 to C.A. changing gradually to 20 to C.A., gradational composition to garnet-biotite-epidote-Po, xenolithic appearance											
262.0	275.5	(GRANITIC PEGMATITE & PO MIN'D XENOLITHS)	261.00	263.50	2.50	5404	95	19	198	TRACE	400	3.14	25
		50% pink granite, 50% 1 to 5' sections fine to medium grain	263.50	268.00	4.50	5405	120	20	164	1.9	226	5.80	108
		biotite- qtz-garnet schist with 30-50% Po	268.00	273.00	5.00	5406	166	14	252	0.2	579	10.04	156
275.5	284.8	(AMPHIBOLITE-BANDED)	273.00	276.00	3.00	5407	103	30	163	1.1	355	5.34	28
		similar to previous section, occassional epidote-plag-qtz	276.00	280.80	4.80	5408	58	19	215	1.5	310	5.08	54
		in cm lenses and bands, foliated at 60 to C.A.	280.80	284.60	3.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		20% .1 to 1' granitized sections, several biotite garnet rich bands											
284.8	288.6	(GRANITIC PEGMATITE)	284.60	287.00	2.40	5409	13	33	24	5.3	339	2.11	16
		pink, fine grained, weakly foliated at 70 to C.A.											
288.6	304.0	(AMPHIBOLITE-BANDED)	287.00	289.40	2.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		weakly granitized, speckled hornblende-qtz-plag schist,	289.40	294.00	4.60	5410	165	29	346	1.1	535	7.94	58
		traces Po-Py, foliated at 70 to C.A., gradual change to	294.00	304.00	10.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		40 to C.A.											

304.0 - E.O.H.


WATER
K 110555
K 110555
K 110555
K 110555
K 110555
CB 117
CB 115
CB 141
CB 140
CB 116
52 m.
40 m
90 m
70 m.
30 m.
20 m
40 m
0 50 100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB117
Collar Eastings: 8400.00
Collar Northings: 175.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 242.00 feet

Logged by: P. Barc
Date: Jan. 18,1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.0	18.0	(CASING)											
18.0	43.0	(GABBRO) Fg green-black,uniform hbl-qtz-ep-plag,foliated at 60 to CA.,minor hbl-qtz banded sections,near gran. pegs. Occ. ep-plag-qtz lenses to .1',5%.,with traces py,po.											
43.0	46.2	(GRANITE PEGMATITE) Pink,fg,weakly porphyritic K-feldspar,minor bte, Weakly foliated at 60 to CA..											
46.2	65.4	(GABBRO) Similar to previous unit. Weak speckled,qtz-plag-bte weak banded,minor ep-plag-qtz lenses.											
65.4	75.2	(GRANITE PEGMATITE) Similar to previous. 1.5' Banded mafic schist.											
75.2	104.4	(GABBRO) Similar to previous. Fg garnet bands,clots cg granular aggragates,minor fg py,ep-qtz-plag lenses to .1'.Weakly contorted texture in sections..3' granite pegmatite section.											
104.4	118.8	(GABBRO ALTERED) Granitized?Similar to prev. section,absence of garnet bands,py bands. Slight mg plag,bte. Black,white speckled,with patchey bte-plag bands,ep-plag clots.											
118.8	125.4	(GRANITE PEGMATITE) Pink,white,weakly foliated at 60 to CA.,bte speckled. Minor bte rich assimilated xenoliths.											
125.4	158.0	(GABBRO) Similar to previous,finely bte banded,bte 15-20%,bands to 2.'.5% ep-plag-qtz,py,po lenses,bands. Silicified,increased qtz content from >5% to 15-20%.	0.00	157.80	157.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB117

FROM	TO	LITHOLOGICAL DESCRIPTION
		142.5 x-cut 40 to CA .1' qtz-black clayey minerai,py-ep-garnet coating;Late shear?
158.0	174.4	(PO-CHERT-GRAPHITE SCHIST) Mineralized zone. Inhomogenous unit,divided into sections. Sections:Sulfide breccia,15% of unit,from <1.' to >1.',7 Generally Po 60-70%,grey chert fg to pebble angular to rounded clasts.Minor Zns,along ct margins/graph schist, Occ.Zns in S.B. sects,to>3%. Cpy occurs as mm x-bands,irreg.dist'd,1%. Sections:Brecciated po-chert banded,angular fg to pebble, graphite, bte banded.Minor Zns. 30% of unit. Sections:50% of unit;Laminated chert-graphite 30%,mm bands, po bands,30%,Zns 3-5% sections. The unit is generally foliated at 60 to CA.,with narrow sections foliated at 0 to CA.,Slight decrease in total po to <40% to 174.4,194.4. 158.2-159.1 Brecciated,trace Zns,Cpy 10%/.1' top ct.. 159.1-160.0 Po S.B. 160.0-162.9 Brecciated banded chert,Zns 2-3%. 162.9-166.6 Laminated cht-po-graphite,Zns 1%,increased Zns in finely brecciated layers;20% of section. 166.6-174.4 Brecc'd,finely lam'd,bte 20%,Zns in brecc'd. Wk granitized text.,lower margin,traces fg garnet.
174.4	178.0	(GRANITE PEGMATITE) Pink,fg,cg sections,occ.bte-po .1' bands;assimilated xenos.
178.0	194.4	(CHERT-GRAPHITE-BTE-PO SCHIST) Mineralized zone. Similar to previous section. Sections:80% of unit Chert-graph-bte-po,minor Zns,finely laminated,with occ.cm po-qtz sulfide breccia sects. Sections:20% of unit brecciated,braided po-cht-graph-bte, weak mylonitic textured.Change in foliation to 40 to CA by base of unit. 178.0-184.3 Laminated,po 40%,minor S.B. sects,po 70%. Zns 1-2%,fg diss,mm bands. 184.3-187.2 Wkly brecc'd,braided schist,po 60%,trace Zns. 187.2-189.0 Laminated,po,Zns 2%,Whitish mg xls,Cordierite? 189.0-189.8 Brecciated,po,tr.Zns. 189.8-194.4 Lam'd to Braided,Zns 3%,in po braided sect., Trace mg Aspy,py in bte rich schist-lower ct. margin.

ASSAYS

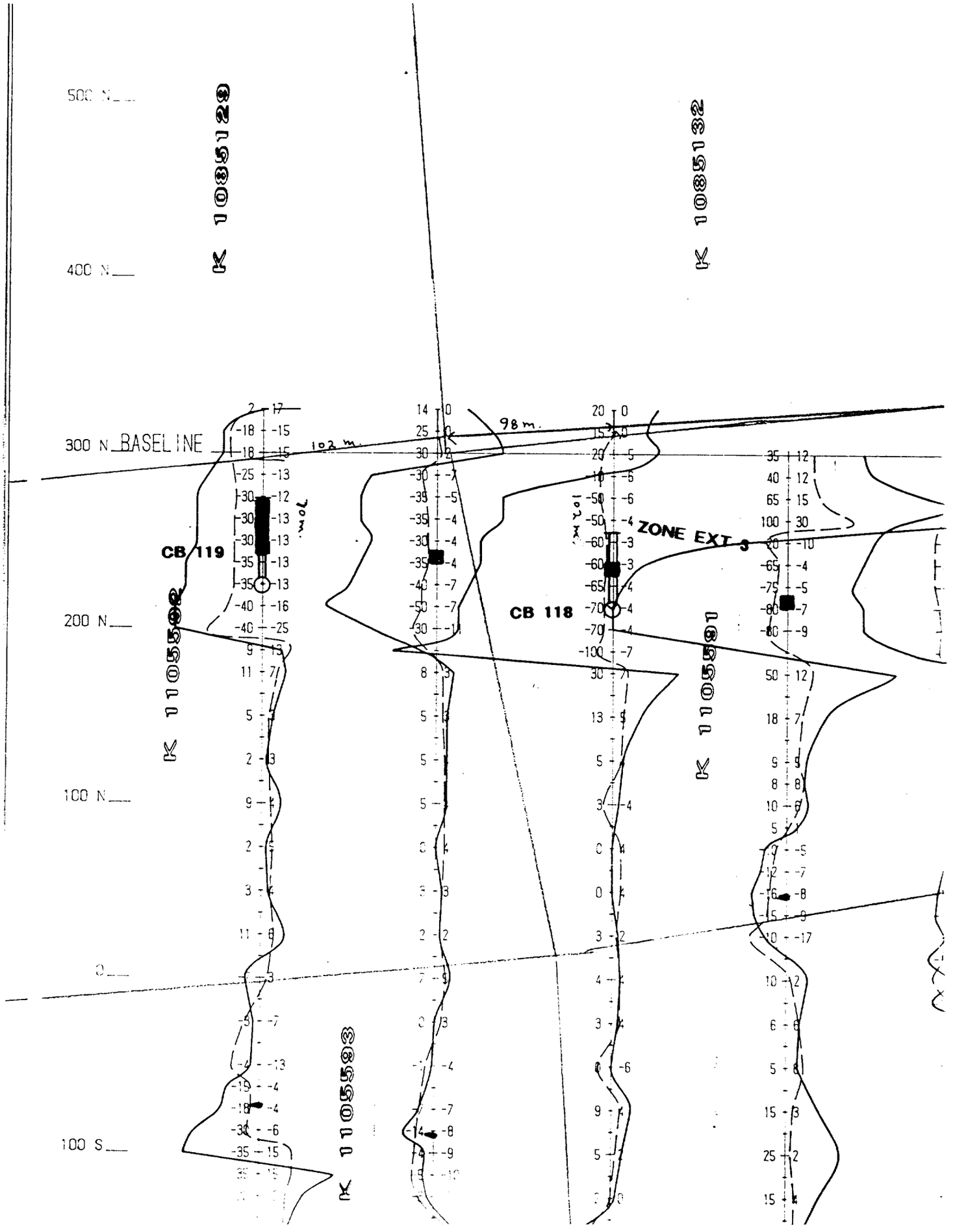
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
157.80	160.00	2.20	5411	713	39	2444	3.1	410	16.39	37
160.00	162.00	2.00	5412	425	33	3364	1.5	436	13.20	31
162.00	164.00	2.00	5413	353	30	3763	0.9	562	11.09	10
164.00	166.60	2.60	5414	321	19	3265	3.4	579	9.57	18
166.60	170.00	3.40	5415	416	18	3064	1.7	633	13.45	20
170.00	172.50	2.50	5416	458	13	6413	1.2	396	14.25	64
172.50	174.40	1.90	5417	394	11	2047	0.3	453	9.92	20
174.40	178.00	3.60	5418	47	9	449	TRACE	263	1.44	12
178.00	181.00	3.00	5419	283	4	4004	2.1	450	8.95	77
181.00	184.30	3.30	5420	304	11	3810	2.0	492	10.42	29
184.30	187.20	2.90	5421	536	22	5303	0.7	516	13.32	47
187.20	189.80	2.60	5422	392	22	2837	2.1	456	14.47	44
189.80	194.20	4.40	5423	528	22	6250	2.4	529	12.04	52

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB117

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
194.4	242.0	(PORPHYRITIC GRANODIORITE) Pink,fg,wk foliated at 50 to 60 to CA.,whitish sections. Weak cg to peg. porphyroblasts k-feldspar. Traces f-mg pink garnets.	194.20	242.00	47.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
	42.0	(E.O.H.)											


500 N
400 N
300 N
BASELINE
200 N
100 N
0
100 S
K 108512 9
K 108513 2
CB 119
102 m.
98 m.
CB 118
ZONE EXT 3
K 110555 2
K 110555 3
K 110555 1

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB118
Collar Eastings: 8000.00
Collar Northings: 212.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 196.00 feet

Logged by: P. Barc
Date: Jan. 19,1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
						ASSAYS							
0.0	5.0	(CASING)											
5.0	73.0	(GRANITE PEGMATITE) Pink,white,cg sections to 35.5. K-feldspar rich,pegmatitic,to fg granodiorite,porph.sects. Occasional red-hematite stained sections.											
73.0	76.1	(AMPHIBOLITE) Green-black,fg,weakly ep-plag-qtz banded. Foliated at 70 to CA..											
76.1	77.2	(GRANITE PEGMATITE) Fg,similar to previous.											
77.2	84.0	(AMPHIBOLITE) Fg,pale green-black,banded,bte 10%.											
84.0	88.9	(GRANITE PEGMATITE) Fg,uniform,similar to previous,bte. Weakly to well foliated at 70-80 to CA..											
88.9	106.3	(AMPHIBOLITE-BANDED)	0.00	101.70	101.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Fg,uniform,similar to previous section.	101.70	104.00	2.30	5485	169	13	80	1.2	323	5.91	33
		Occ. ep-plag-qtz lenses,minor gran.peg.,near top,btm of unit,traces pyrite in g.p.,amphibolite.	104.00	106.30	2.30	5486	129	21	285	1.0	463	6.44	33
		103.0-103.7 Gran.Peg.,wk mylonitic tex'd,py bands ct.margin 104.5-106.3 Increased bte banding-20%,qtz bands 20%,py 10%.											
106.3	114.6	(PO-QTZ SULFIDE BRECCIA + CHERT BRECC'D)	106.30	108.80	2.50	5487	1120	33	5660	4.8	504	24.40	31
		Inhomogenous unit,30% Po rich sulfide breccia sections.	108.80	111.00	2.20	5488	805	22	2840	4.2	237	17.80	TRACE
		Po 60-70%,angular to subrounded chert,banded chert clasts,	111.00	113.00	2.00	5489	1030	25	2860	5.0	402	19.60	18
		to 30%.	113.00	114.60	1.60	5490	268	18	3810	2.0	472	14.30	40
		Sections mass.py,with po oval-pebble sized clasts,minor cherty clasts. Cherty clasts +/- py,cpy,Zns fine bands,x-bands. Minor graphite interbands,5-10%,minor fg bte. Minor granite pegmatite,.2',.5'. Sections brecciated chert,cemented by po. 106.3-109.0 Sulfide breccia. 108.0' Po clasts,cherty clasts,cpy,Zns bearing.											

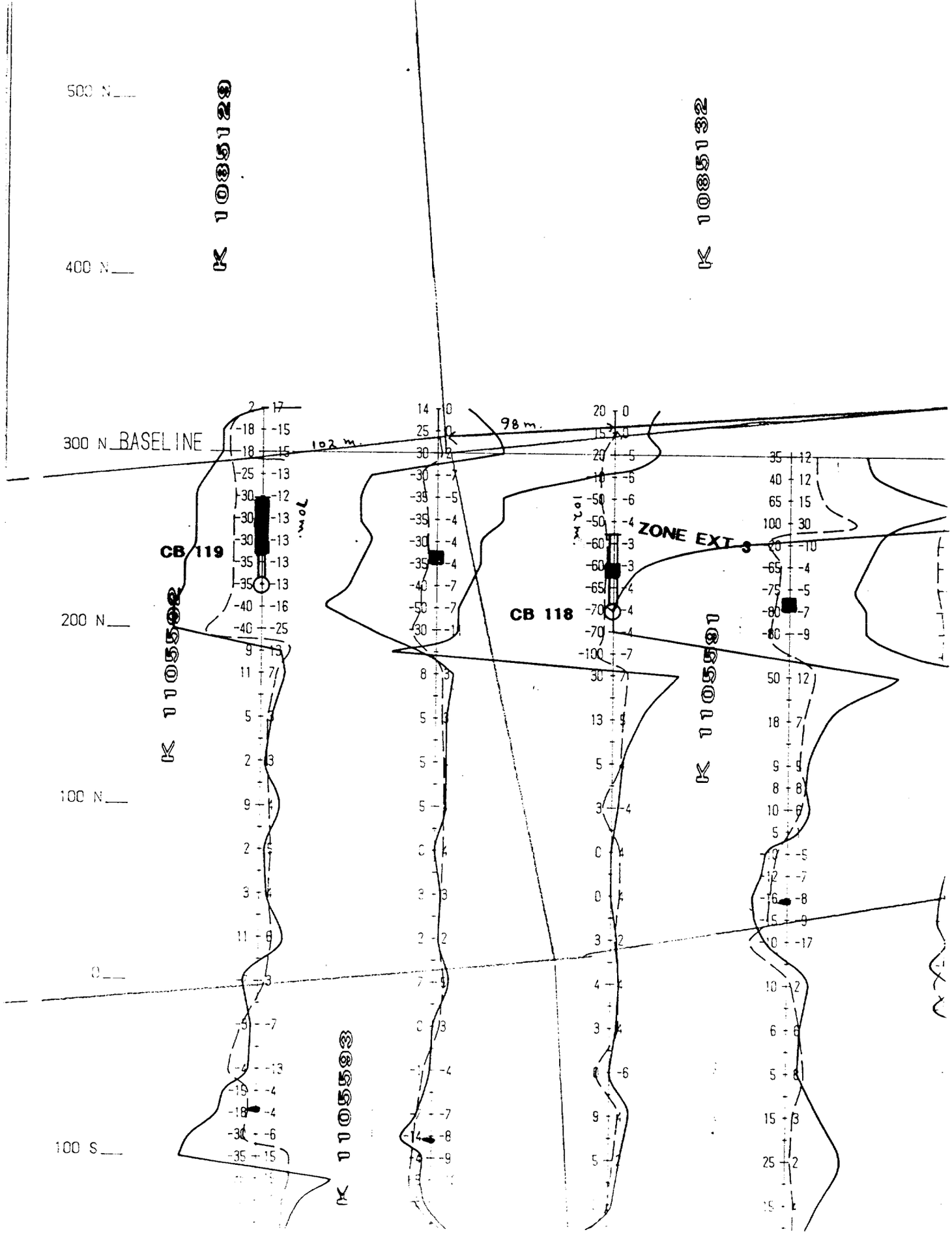
CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB118

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		106.9-111.6 Brecciated banded chert,minor lam'd chert. 111.6-114.6 Sulfide breccia,occ. Ins bearing clasts.											
114.6	116.3	(GRANITE PEGMATITE) Pink,fg,minor cg pegmatitic top .5'. Diss.py along contacts,interstitial in g.p.. Foliated at 60-70 to CA..	114.60	116.30	1.70	5491	31	16	167	0.4	105	2.01	17
116.3	161.2	(AMPHIBOLITE + GRANITE PEGMATITE) Wkly hbl speckled amphib.top 1.'. Gradational to speckled-granitized? hbl-plag-ep-bte-qtz 40% Granite pegmatites;whitish,mg,vk K-fds porphyritic, occ.fg,vk foliated at 70 to CA sections. Sections (1.' to 10.'. Bte rich-assimilated mafic sections. Traces pyrite,garnets. 129.0 Cpy traces,5%/.2',fg diss,mm laminations in bte-ep-plag .1' lenses.	116.30 128.50	128.50 130.50	12.20 2.00	N.S. 5492	N.S. 1130	N.S. 12	N.S. 69	N.S. 2.6	N.S. 194	N.S. 3.40	N.S. 3
161.2	196.0	(FELSIC TUFF + GRANITE PEGMATITE) 70% qtz-fds-bte banded schist,whitish f-mg patches-q-fds-bte-possible felsic fragments. Generally grey/black,brown,fg,banded;bte variable,5-20%. Minor py bands,po bands,vk sulfide breccia section 1.'. Minor sections .3',bte rich. 30% Granite pegmatite sections,similar to previous unit. 165.5-170.0 Po,felsic,bte. 172.0-174.0 Mafic interband-hbl-bte-qtz banded. 193.0-196.0 K-feldspar-rich components-rhyolitic	130.50	196.00	65.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

96.0 (E.D.H)


500 N
400 N
300 N
BASELINE
200 N
100 N
0
100 S
K 108512 8
K 108513 2
K 110555 2
K 110555 1
K 110555 3
CB 119
CB 118
ZONE EXT 3
102 m.
98 m.
Total

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB119
Collar Eastings: 7800.00
Collar Northings: 226.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 226.00 feet

Logged by: P. Barc
Date: Jan. 20, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	5.0	(CASING)
5.0	25.5	(AMPHIBOLITE-BANDED) Similar to previous units. 10% ep-plag-qtz +/- py, cm to .1' lenses. Banded,foliated at 65 to CA.. Minor bte bands,traces mg pink garnets. Minor-3%,<1.' white granite pegmatites.
25.5	49.0	(AMPHIBOLITE-BANDED + GRAN. PEG.) Amphib.similar to previous unit. 50% f-cg pink,white wk porphyritic Granodiorite sections to 4.'.
49.0	57.0	(GRANITE + 40% GRANITIZED FELSIC TUFF SECTIONS)
57.0	64.0	(FELSIC TUFF,WK MIN'D SECTS.) Minor mafic tuff section. Weakly mineralized felsic;qtz,po,graphite sections. Generally qtz-fds-bte 5-10%,mm banded-bte. Grey,white,black banded,uniform sections. Foliated,banded at 75 to CA.. Wkly fds phyric sections-10% of unit,irreg. dist'd. Traces f-mg pink garnets,bands. Trace pyrite. 57.0-60.0 Felsic tuff. 60.0-62.7 Mafic;hbl,bte bands,top,lower 1.' Narrow section qtz,bte 30%,po 20%,py 5%. Weakly brecc'd qtz-bte schist,with 1.5'po rich section,15% graphite. Fg garnet 20%/.2' near lower margin. Appears as felsic xenolith in gabbro?
64.0	79.4	(BANDED AMPHIBOLITE) As above-Gabbro textured sections-hbl phyric. 64.0-65.0 Qtz mm banding 10-20%.
79.4	86.2	(GABBRO) Fg.,uniform grey-black,mg hbl-speckled. Sharp top contact.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	60.00	60.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
60.00	61.00	1.00	5530	230	16	621	0.2	464	6.13	89
61.00	63.00	2.00	5531	373	28	1815	1.0	793	13.00	45
63.00	64.00	1.00	5532	348	22	493	0.5	676	10.50	5

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB119

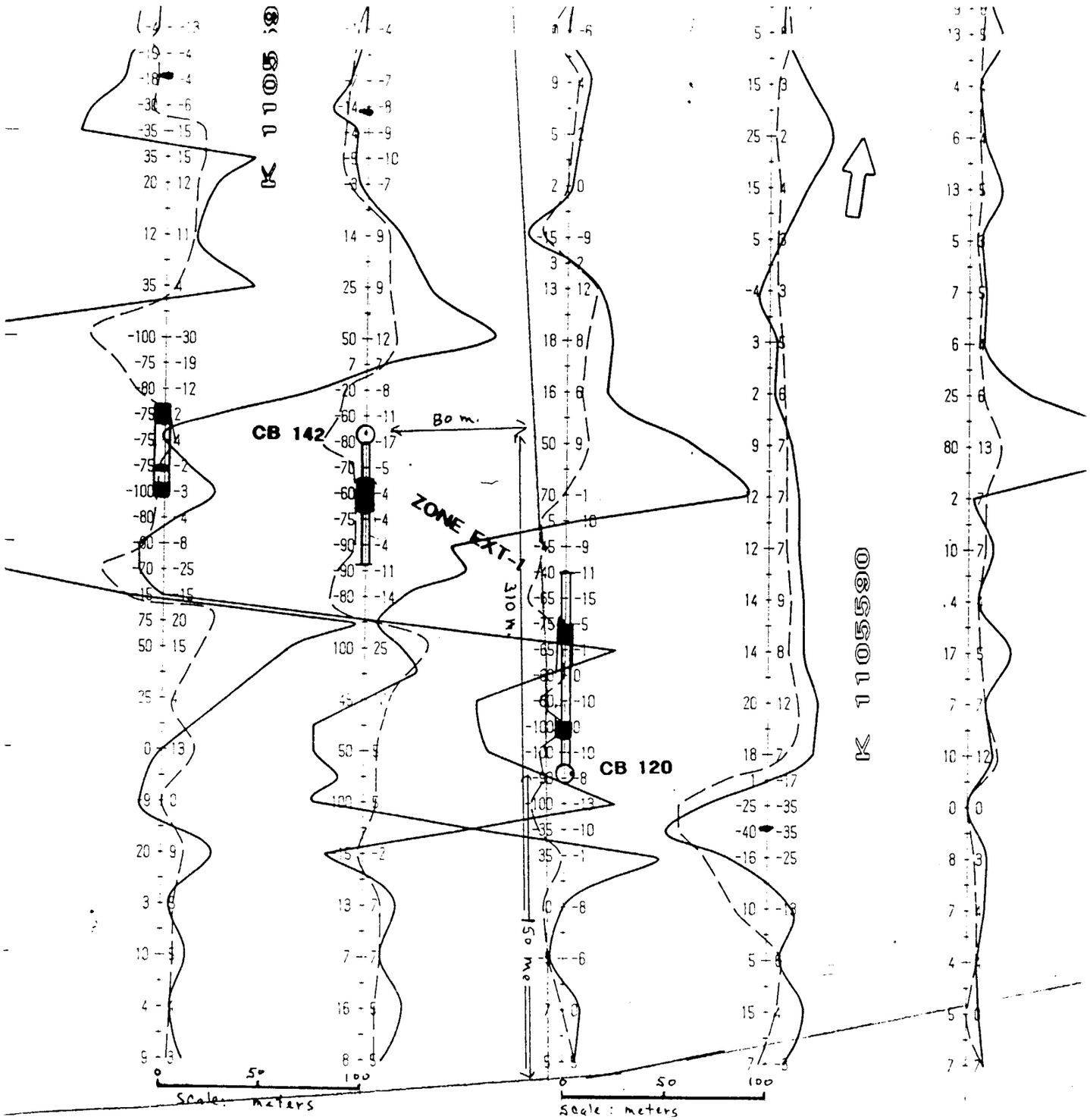
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
86.2	103.0	(AMPHIBOLITE-BANDED + GRAN.PEG.) 50% f-cg,pegmatitic white,weakly foliated,bte,garnets. Bte banding in amphib. sections. 86.2-101.0 Minor ep-plag lenses.											
103.0	126.5	(AMPHIBOLITE-BANDED) Similar to previous. Absence of ep-plag-qtz banding.											
126.5	149.3	(GRAN.PEG. + AMPH.BANDED) Minor amphibolite interbands,bte bands-assimilated xeno- liths. 80% White,cg to peg.,porphyritic sections. Weakly foliated.											
149.3	164.0	(AMPH.BANDED + GRAN.PEG.) Minor granite peg. sections,<<5%,<1.'. 154.0-162.0 f-cg garnet 10-15%,bands,plus bte.. 163.0 Minor po bands in ep-plag lense.											
164.0	190.5	(AMPH.BANDED) Gabbroic textured? 173.2-174.0 Garnet,bte banding,minor ep-qtz-plag bands, +/- po traces. Minor-2-1.' Granite pegmatite sections.											
190.5	211.8	(PORHYRITIC GRANODIORITE) Mg,weak K-spar porph.text'd,Whitish,white,black speckled. Change from fg to mg over unit. Foliated,banded at 60 to CA. Minor,vk ass'd xenoliths,1.5',near lower ct.,+ py banding.											
211.8	221.6	(GABBRO) Similar to previous sections. Fg hbl-ep-qtz,black,with f-mg hbl speckled texture. Minor qtz bands.Minor ep-qtz-plag lenses,+/- py.. Minor,2 sects. to <1.' cg white gran.peg.	64.00	221.00	157.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
221.6	223.0	(QTZ-BTE SCHIST,WKLY PO MIN'D) Ct. margin with Gabbro.Possible banded chert. Felsic tuff?-bte banded,Grey-black cherty?banded. Traces fg garnets. Wkly min'd-Po-qtz-bte-graph schist section. Po 60%,top.3',grad'l to 0% to 223.0'	221.00	223.00	2.00	5533	160	24	613	1.0	556	8.05	77

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB119

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Po as mm bands,plus narrow MS-Sulfide breccia section.											
223.0	266.0	(QTZ-BTE SCHIST + 15% GRAN.PEG.SECTIONS)	223.00	224.00	1.00	5534	124	27	180	0.4	757	6.74	308
		Felsic tuff with minor gran.peg.sections.	224.00	226.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Fg,grey,black,white banded,bte 10%,musc 10% sections.											
		Occ. feldspar phyric sections,10-20%/.2' bands.											
		Musc.-rhyolitic components in unit?											
		Occ. cm oval felsic-mg whitish clasts near top 10.'.											
		Minor occ.late qtz-banding,plus alt'n on fractures;											
		Granitized over cm.sections.											
		Trace pyrite.											
		223.0 Traces Zns-mm band.											
	66.0	(E.O.H.)											


K 110559
CB 142
80 m.
ZONE EXT-1
310 m.
150 m.
CB 120
K 110559
Scale: meters
Scale: meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan lake
HOLE No.: CB120
Collar Eastings: 8005.00
Collar Northings: -408.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 456.00 feet

Logged by: P. Barc
Date: Jan. 21-22, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
									ASSAYS					
0.0	5.0	(CASING)	0.00	5.00	5.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
5.0	7.4	(QTZ-BTE SCHIST) Felsic tuff or possible dirty chert. Whitish-black speckled,qtz-bte-plag? banded,fg speckled. Uniform texture,comp'n.Bte 5-10% diss,banded. Weakly foliated,banded,cnt'd fol'n sections 0 to CA. Rusty fractures,traces pyrite.	5.00	7.40	2.40	5561	15	9	91	TRACE	695	2.33	65	TRACE
7.4	24.8	(BANDED CHERT,MINERALIZED) Pyrite 25%, Po 10%. Greyish chert with sections 10-20% biotite speckled. Py, Po mm bands, Graphite bands. Generally well foliated, banded at 50 to C.A. Occassional oval-lenses to .1' qtz-biotite-felsic fragments. Weakly augen-brecciated textured sections, sulfide cemented lower half of unit. Occassional cm lenses quartz-muscuovite-feldspar clasts. 7.4 - 19.0 - Biotite, Py>Po total 35%. 19.0 - 26.0 - Muscovite banding, 5%, muscovite quaratz-Kfeldspar in oval clasts in orange-grey banded chert. 19.0 - 24.8 - Muscovite, biotite Po>Py total 35%, traces Aspy.	7.40 12.00 15.00 18.00 20.40 22.40	12.00 15.00 18.00 20.40 22.40 24.80	4.60 3.00 3.00 2.40 2.00 2.40	5562 5563 5564 5565 5566 5567	132 102 131 101 65 154	17 24 6 9 9 6	169 211 273 177 77 171	0.5 1.1 1.0 1.1 1.1 1.5	643 688 1060 933 672 699	8.28 10.63 11.08 8.67 8.63 11.10	13 19 99 49 19 22	TRACE 5 11 28 7 18
24.8	39.7	(QUARTZ-MUSCOVITE-BIOTITE SCHIST - WEAKLY MINERALIZED) Rhyolite. Laminated greyish-brown-black schist, muscovite 5%, biotite 5%, mm banded minor fine grained pink garnet in sections, <5% total sections disseminated Py, Po 10%, mm bands, cross fractures bands. 33.8 - 36.8 - Laminated + weakly brecciated schist, angular clasts, with Po 45%, Py 5% cement. 38.7 - 39.7 - Chill. margin.	24.80 28.00 31.00 33.80 36.70	28.00 31.00 33.80 36.70 39.70	3.20 3.00 2.80 2.90 3.00	5568 5569 5570 5571 5572	62 54 60 110 74	16 11 5 8 5	111 72 93 103 80	1.8 1.1 0.7 1.4 0.9	932 866 637 545 774	6.98 6.73 5.99 9.44 7.69	126 141 188 127 350	5 7 5 69 20
39.7	47.8	(PO-SULFIDE BRECCIA + CHERT BANDED) Fine grained Po 80%, Py 10% sulfide breccia, Py as coarse grained granular aggragates to .15'. Clasts fine to medium grained quartz grains + angular chert-banded coarse clasts, Disseminated hornblende, biotite, plag medium grained crystals in matrix. Minor chert-biotite-garnet section. 39.7 - 44.6 - Po 80%, Py 10% sulfide brecciated. 44.6 - 45.4 - Cherty, biotite, garnet, contored banding, Po massive sulfides 1' cross cut band. Lenses felsic clasts.	39.70 43.20	43.20 46.00	3.50 2.80	5573 5574	247 566	27 15	55 81	2.5 2.1	267 844	29.62 25.51	12 123	5 28

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB120

FROM	TO	LITHOLOGICAL DESCRIPTION
		45.4 - 47.8 - Po-Py sulfide breccia, traces Aspy.
47.8	68.0	(PO-SULFIDE BRECCIA + QUARTZ-MUSCOVITE-BIOTITE SCHIST) Similar to previous, Po rich, minor pyrite. Addition of muscovite banding within siliceous section, Po mineralized. Slight increase in quartz-cherty clasts, to 20% Minor angular-chert banded clasts in Po rich sulfide breccia. 48.0 - 50.4 - Quartz-muscovite-biotite, minor Po, Py; 2-.2 ' Po sulfide breccia sections. 50.4 - 53.6 - Cherty, minor muscovite biotite 5%, trace graphite contorted foliation. Quartz-felsic clasts, traces garnets. Brecciated, Po cemented section. Quartz flooded 1' section. 53.6 - 56.3 - Po sulfide breccia, trace Aspy. 56.3 - 57.4 - Chert-biotite, 25% disseminated Po, garnets. 57.4 - 68.0 - Po sulfide breccia 2-.2' chert banded sections. Angular clasts, to pebble size in sulfide breccia disseminated hornblende in matrix.
68.0	73.0	(CHERT-BANDED, WEAK PO MINERALIZED) Chert, biotite, muscovite disseminated grains. Muscovite increase from trace to 5%. Grey, black speckled, weak mm banding. 10% fine grained disseminated Po, mm streaks. Generally foliated 30 to C.A., narrow section 3' foliated at 0 to C.A.
73.0	84.0	(CHERT-PO MINERALIZED SECTIONS) 80% of unit. Po + brecciated chert. Massive PO to 50% cementing brecciated chert grey, orange coloured, angular clasts. 20% sections laminated quartz-biotite-muscovite schist, fine grained disseminated Po 10-20% with minor Py. Foliated, gradual change to 20 to C.A. 73.0 - 76.6 - Brecciated, Po cemented, minor Py .5' section chert, trace Aspy. 76.6 - 77.8 - Chert-Po-biotite-muscovite. 77.8 - 84.0 - 20% brecciated sections, Po 40-70%, + laminated quartz-biotite Po 10-20% sections.
84.0	99.0	(QUARTZ-BIOTITE-MUSCOVITE SCHIST) Greyish, very fine grained chert, biotite 5%, muscovite 5%, uniform schist. Similar to 5' - 7.4'. Minor Po sulfide sections. 87.8 - 89.0 - Fine grained disseminated Po 30%; .1' massive

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
46.00	48.00	2.00	5575	299	20	44	1.1	271	26.98	66	7
48.00	50.20	2.20	5576	229	11	100	0.9	987	12.01	755	22
50.20	53.60	3.40	5577	160	5	60	0.5	887	11.42	68	15
53.60	56.60	3.00	5578	280	33	72	1.7	400	32.45	55	20
56.60	59.00	2.40	5579	310	9	56	1.4	283	27.10	28	30
59.00	63.00	4.00	5580	334	26	90	2.0	271	33.63	81	22
63.00	66.00	3.00	5581	199	19	59	1.2	206	31.25	107	30
66.00	68.00	2.00	5582	363	20	60	1.7	171	32.15	164	26
68.00	73.00	5.00	5583	50	8	82	0.5	793	6.80	537	9
73.00	76.00	3.00	5584	156	9	69	1.2	366	17.34	943	15
76.00	77.80	1.80	5585	180	17	78	1.1	553	12.49	89	7
77.80	80.00	2.20	5586	153	18	59	1.8	580	14.73	35	9
80.00	84.00	4.00	5587	122	21	60	1.3	513	13.38	181	11
84.00	87.00	3.00	5588	67	16	82	0.7	789	8.34	580	11
87.00	90.00	3.00	5589	103	11	57	0.7	554	9.89	115	13
90.00	93.00	3.00	5590	71	17	67	0.6	783	7.70	199	13
93.00	96.00	3.00	5591	52	12	96	0.4	772	6.42	316	7
96.00	99.00	3.00	5592	123	6	46	0.6	488	10.75	164	7

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB120

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
							ASSAYS							
		sulfide. 96.2 - 99.0 - Po 30%, trace Aspy. Po cement in weakly brecciated quart schist. Trace graphite.												
99.0	120.3	(CHERT-PO SCHIST + PO MASSIVE SULFIDE SECTIONS)	99.00	102.00	3.00	5593	260	24	55	2.3	370	22.02	1006	TRACE
		Chert, minor biotite, variably brecciated, cemented by Po.	102.00	104.90	2.90	5594	133	15	102	1.9	742	13.19	565	13
		Po to 60%. 20% of unit, 2 sections; 3',2'. top, bottom of	104.90	108.90	4.00	5595	130	17	93	1.0	1075	13.89	1371	13
		unit, Po sulfide breccia. Po to 75%. Foliated at 50 to C.A.,	108.90	111.00	2.10	5596	250	8	60	2.3	669	23.57	9	24
		sections, 2' to 4' foliated at 0 to C.A. Minor pyrite; late	111.00	114.20	3.20	5597	206	2	47	0.4	901	11.86	44	13
		.3' quartz-Py vien, and as vuggy bands in sulfide brecciated	114.20	117.00	2.80	5598	130	9	45	0.5	698	14.66	17	9
		sections. Traces Aspy fine to coarse grained euhedral crystals	117.00	120.30	3.30	5599	235	18	201	1.9	974	20.89	76	37
		in Po. Traces hornblende crystals, as bands in chert. 99.0 - 102.0 - Po, minor Py sulfide breccia. Po 65%, Py 10%, clasts 25%. Angular fine grained - pebble sized clasts. Occassional cherty green + black - hornbiende bearing, biotite clasts. Traces Aspy, especially near margins. 102.0 - 105.0 - Chert-Po schist, laminated + brecciated sections, Po cherty clasts in chert-Po schist Po 50%, minor Py, traces Aspy. 105.0 - 107.0 - Foliated at 0 to C.A. Muscovite quartz-rhyolite oval clasts. 105.0 - 109.0 - Chert-Po 40% trace Aspy. Py 10%. 109.0 - 110.5 - Sulfide breccia, Po, gradational to chert + disseminated Po. 110.5 - 114.2 - Brecciated, Po 45%, Minor pyrite. 114.2 - 118.9 - Foliated 0 to C.A.; change to 20 to C.A. 118.9 - 120.3 - Sulfide breccia, Po minor Py. Quartz banded coarse grained garnet 30%, biotite, in quartz flooding .2' section at base.												
120.3	138.5	(CHERT-MUSCOVITE, GARNETS, WEAK PO MINERALIZED)	120.30	125.00	4.70	5600	35	15	65	0.8	799	6.43	227	5
		inhomogenous. Cherty, very fine grained, weakly banded;	125.00	129.00	4.00	5601	115	2543	1032	0.6	1578	7.56	133	11
		muscovite 5%, biotite 3%. Garnet 15% over 5-10' section,	129.00	133.00	4.00	5602	64	18	127	0.7	866	7.32	96	5
		increase in garnet to 138.5'. Narrow section garnet 40%.	133.00	135.00	2.00	5603	157	30	125	1.7	910	14.29	69	11
		Section 2.5 Po 30%, minor Po sulfide breccia section.	135.00	138.50	3.50	5604	32	128	126	0.2	1218	5.12	103	TRACE
		126.0 - 128.0 - Muscovite, garnet 40%, Py-Po cross band. 132.0 - 133.5 - Fine grained disseminated Po 30%.												
138.5	160.0	(CHERT-PO SECTIONS, MASSIVE SULFIDE SECTIONS)	138.50	143.00	4.50	5605	129	16	335	0.3	1278	12.20	27	TRACE
		inhomogenous 5% cherty sections, grey-black, greenish bands,	143.00	146.00	3.00	5606	208	8	970	0.8	1553	19.08	28	5
		chert-biotite-epidote.	146.00	149.00	3.00	5607	138	12	414	0.7	2190	12.18	22	TRACE
		Chert + epidote-quartz matrix-mylonitic section. Augen	149.00	151.80	2.80	5608	204	178	100	1.0	780	14.80	31	7
		textured quartz clasts. Occassional quartz-biotite clasts	151.80	156.00	4.20	5609	230	17	95	2.0	842	22.40	64	TRACE
		in cherty banded sections. Weakly brecciated sections, Po	156.00	160.00	4.00	5610	237	13	558	1.6	1153	22.30	17	TRACE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB120

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
									ASSAYS					
		45% cemented. Intercalated with 50% - Po sulfide breccia sections, epidote-hornblende-quartz clasts. Total Po in unit 60%, Py 10%. 143.5 - 147.0 - Po massive sulfide. 150.0 - 160.0 - Po massive sulfide, late quartz flooded 2' band lower margin. 159.5 - 160.0 - Garnet, epidote.												
160.0	211.0	(CHERT+QUARTZ VIENED + PO, PY, SPHALERITE SECTIONS) Chert, biotite, epidote banding, trace garnets, foliated 40 to C.A., sections 0 to C.A. Minor Po laminations. Contorted, brecciated sections, chert-Po cement. 30% of unit - narrow 1-2' sections quartz-late viened, Po 60%, Py 15%, Zns to 5%. 160.0 - 164.3 - Chert-laminated, section 0 to C.A., Minor Po. 164.3 - 166.0 - .2' quartz-Po 15%-Py 15% vien. 166.0 - 170.8 - Weakly brecciated sections, + 2 - 1' quartz-Po 15% vuggy viens. 170.8 - 180.0 - Cherty brecciated, 2-.3" quartz-Po-Py vuggy viens traces Aspy. 180.0 - 182.0 - Cherty, disseminated fine grained Po, .1' Py-Po-quartz vien. 182.0 - 183.7 - Quartz vviening, Po 40%, Py 10%, Zns 3%. 183.7 - 193.0 - Cherty, disseminated Po 5%, minor Py, 40% quartz viening, minor massive Po-Py-Zns traces. Zns also in Po laminations in cherty-biotite schist. 193.0 - 196.0 - Quartz viening 20%, Po 30%, Py 5%, Zns 2%, in brecciated chert. 197.6 - 198.4 - Quartz-Po-Py. 200.0 - 201.0 - Po, Py-quartz viening. 201.0 - 208.0 - Chert-banded, Po 20%. 208.0 - 211.0 - Chert-brecciated, Po 45%, trace Zns 210.0.	160.00 164.00 167.00 170.00 173.00 176.00 179.00 181.70 183.70 186.00 189.00 192.50 196.00 198.40 201.00 204.00 208.00 210.90	164.00 167.00 170.00 173.00 176.00 179.00 181.70 183.70 186.00 189.00 192.50 196.00 198.40 201.00 204.00 208.00 210.90 214.00	4.00 3.00 3.00 3.00 3.00 3.00 2.70 2.00 2.30 3.00 3.50 3.50 2.40 2.60 3.00 4.00 2.90 3.10	5611 5612 5613 5614 5615 5616 5617 5618 5619 5620 5621 5622 5623 5624 5625 5626 5627 5628	30 97 115 120 168 187 121 272 63 54 38 122 71 110 155 117 281 381	45 111 38 35 29 18 21 35 136 83 15 24 16 44 51 58 27 50	197 733 250 203 419 2010 2342 9688 991 384 583 1404 277 2425 1347 746 2218 2744	TRACE 0.7 0.9 1.4 1.1 TRACE TRACE 1.3 0.4 TRACE TRACE 1.1 1.0 1.1 1.3 1.3 2.6 2.0	1890 1143 1008 1153 923 766 643 457 731 409 366 589 427 671 849 630 813 1153	4.36 11.25 12.71 12.91 15.40 11.48 10.01 17.80 7.28 6.87 3.90 9.79 8.81 12.99 13.42 7.92 21.18 18.60	48 508 36 28 174 25 267 20 37 23 57 93 54 140 83 166 131 20	TRACE 9 7 5 5 11 5 7 7 5 TRACE 7 TRACE TRACE 5 7 19 26
211.0	225.3	(CHERT-BRECCIATED, PO + PO SULFIDE BRECCIA) Chert-biotite, traces graphite, brecciated, with Po 50% cemented. Traces Zns in Po cement in brecciated sections. Minor laminated chert-Po-biotite-graphite sections, trace muscovite. Minor sections Po-sulfide breccia 2 X 2'. Foliated, banded at 20-40 to C.A. 211.0 - 221.0 - Brecciated, Po 60%. 221.0 - 225.3 - 50% brecciated sections, + Po, 50% laminated chert, traces muscovite.	214.00 217.00 221.00 225.00	217.00 221.00 225.00 228.40	3.00 4.00 4.00 3.40	5629 5630 5631 5632	225 382 251 205	61 52 54 19	2703 3942 1053 2071	2.7 1.4 2.3 0.6	1589 1878 1539 1076	21.99 16.18 12.50 9.93	37 19 27 20	19 31 7 9

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB120

FROM	TO	LITHOLOGICAL DESCRIPTION
		cf 5' - 7.4'.
		Chert-biotite +/- muscovite. Muscovite speckled sections.
		Minor Po to 10%/5'. Minor sections Po-cemented brecciated
		chert. Trace graphite.
		225.3 - 236.0 - Cross fractured.
		225.3 - 228.0 - Brecciated chert+Po sections, Muscovite in
		chert-banded section.
		231.0 - 236.0 - Po 10%, contorted foliated sections 0 to C.A.
		240.0 - 245.0 - Brecciated sections 60%, Po-Py cement, viening
		245.0 - 247.0 - Chert, biotite, muscovite sections, cross
		fractured.
246.7	295.3	(CHERT-BRECCIATED, PO)
		Very fine grained chert-biotite-muscovite. trace graphite
		fine to coarse grained angular brecciated schist with
		50% Po cement. Trace Aspy.
		Muscovite 5-10%.
295.3	314.0	(CHERT-BANDED)
		Sections similar to 5'-7.4' collar unit very fine grained
		quartz-biotite-muscovite garnet. Minor Po, Py.
		Grey, black speckled, foliated 30 to C.A., biotite 5-10%,
		muscovite 5% sections, garnet, fine grained, minor coarse
		grained, 5-10% over .1' to .2' biotitic sections.
		.2' section massive Py, Po late cross band.
		300.2 - 330.7 - Quartz viened.
314.0	345.0	(CHERT, BANDED, PO + 10% QUARTZ VIENED, PO, PY, ZNS SECTIONS)
		Greyish, white, recrystallized; fine grained quartz, black
		bands, biotite, speckled. Traces muscovite in brecciated
		chert nearest quartz vien sections. Occassional graphite
		bands, nearest lower margin. Total Po 15%, Py 5%, mm banding,
		traces Zns in Po-graphite bands. Foliated at 30 to C.A.;

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
				ASSAYS							
228.40	231.00	2.60	5633	45	15	122	TRACE	941	4.11	23	TRACE
231.00	234.00	3.00	5634	64	9	94	0.4	1016	6.32	16	14
234.00	237.00	3.00	5635	59	13	89	0.5	753	5.31	53	5
237.00	240.00	3.00	5536	66	16	411	0.4	810	8.07	12	5
240.00	243.00	3.00	5637	150	15	296	0.4	954	11.99	24	28
243.00	245.30	2.30	5538	145	15	346	0.5	1367	12.76	20	17
245.30	246.70	1.40	5639	21	9	85	0.2	1498	4.61	23	TRACE
246.70	249.50	2.80	5640	202	29	270	0.6	1383	17.57	22	31
249.50	253.00	3.50	5641	191	18	227	0.6	1810	14.87	40	21
253.00	256.00	3.00	5642	172	31	248	0.5	1939	15.33	39	14
256.00	259.00	3.00	5643	205	27	318	0.6	1581	15.43	35	31
259.00	262.00	3.00	5644	207	25	183	0.5	2443	17.47	77	54
262.00	265.00	3.00	5645	219	9	283	0.4	3387	14.68	93	17
265.00	268.10	3.10	5646	184	17	179	0.5	1898	18.06	60	15
268.10	271.00	2.90	5647	301	116	125	0.9	930	20.91	15	24
271.00	274.00	3.00	5648	203	25	105	0.7	1621	15.88	12	26
274.00	277.00	3.00	5649	247	24	268	0.5	1200	14.30	6	33
277.00	280.00	3.00	5650	211	21	289	0.6	2092	10.66	4	21
280.00	283.00	3.00	5651	183	28	279	0.7	2063	19.40	6	33
283.00	286.00	3.00	5652	275	26	338	0.6	1831	13.03	14	14
286.00	289.00	3.00	5653	263	30	410	0.6	5226	14.69	15	19
289.00	292.00	3.00	5654	301	33	378	0.8	2045	17.46	90	33
292.00	295.30	3.30	5655	239	21	202	0.7	1530	14.55	179	14
295.30	298.00	2.70	5656	27	6	48	0.4	975	3.90	36	TRACE
298.00	301.00	3.00	5657	22	10	51	0.6	857	3.17	54	TRACE
301.00	306.00	5.00	5658	22	18	79	0.4	635	3.70	237	TRACE
306.00	309.00	3.00	5659	25	9	42	0.5	635	3.44	224	TRACE
309.00	312.00	3.00	5660	78	5	216	0.6	827	9.08	50	7
312.00	315.00	3.00	5661	69	17	93	0.7	978	5.23	22	5
315.00	318.00	3.00	5562	92	15	229	0.5	772	9.37	37	TRACE
318.00	321.00	3.00	5663	210	15	168	1.0	1068	13.15	21	12
321.00	324.00	3.00	5664	84	15	74	0.4	1036	7.88	17	5
324.00	327.00	3.00	5665	85	21	272	0.7	826	5.78	21	TRACE
327.00	330.00	3.00	5666	56	29	270	0.6	729	4.62	21	TRACE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB120

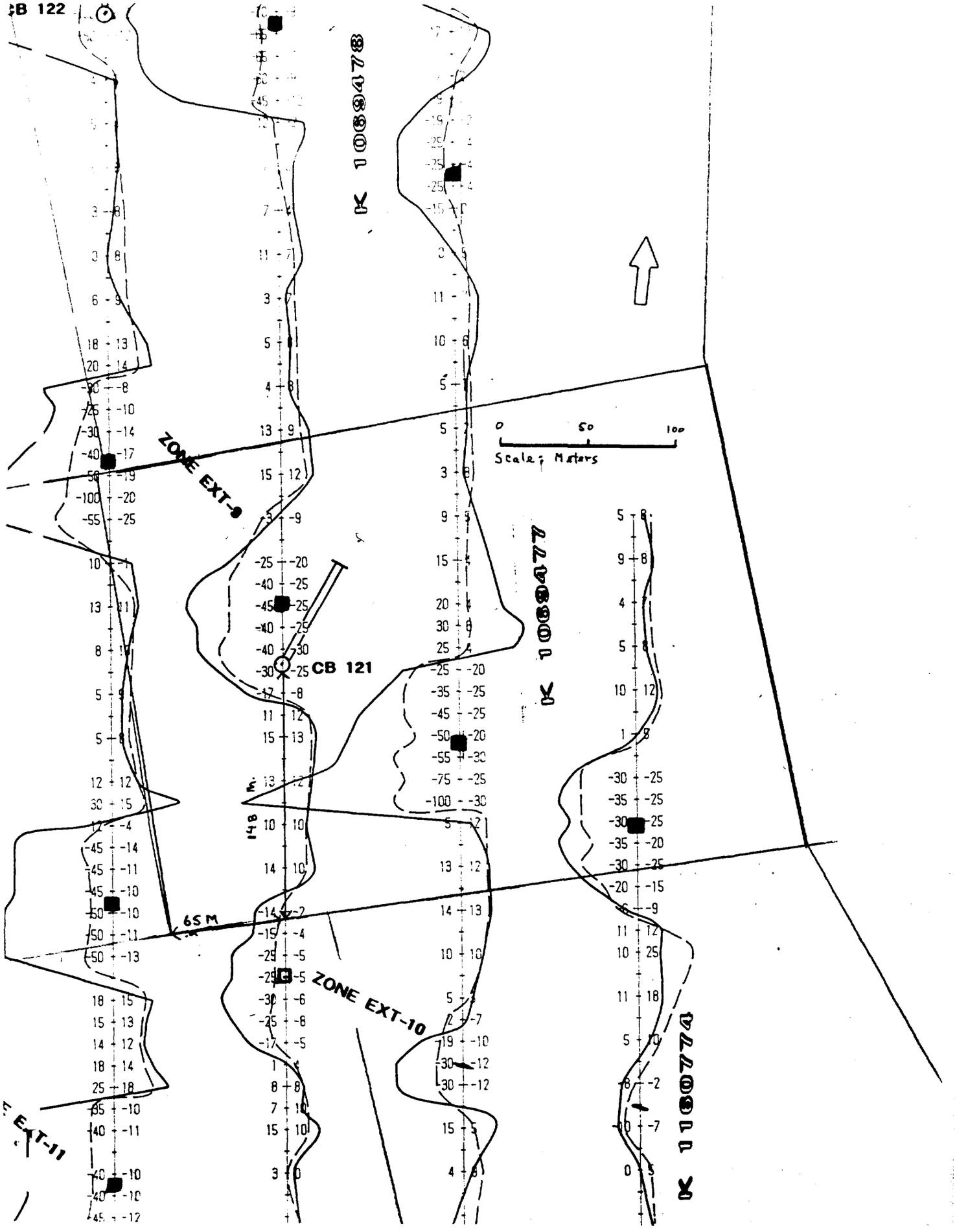
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
							ASSAYS							
		variable. Quartz-Po-Py +/- Zns viened, 2', near lower portion	330.00	333.00	3.00	5667	78	33	1920	0.6	1178	6.64	18	TRACE
		of unit. Disseminated Po coarse grains, 10% massive Po	333.00	336.00	3.00	5668	113	23	2081	0.7	1338	8.12	22	7
		banding.	336.00	339.00	3.00	5669	120	36	919	0.8	1426	8.28	17	7
		314.0 - Chill margin. Rhyolite.	339.00	342.50	3.50	5670	69	23	1145	0.6	667	7.69	149	TRACE
		314.0 - 330.0 - Cherty, Po 10%, Py 5%.	342.50	345.00	2.50	5671	198	35	3291	0.9	1455	11.02	17	TRACE
		330.0 - 342.2 - Cherty, brecciated, Po cemented, Po 15%.												
		340.6 - 342.2 - Quartz vien, Po, minor Py, trace Zns.												
		343.0 - 344.0 - Trace Zns in Po-graphite mm bands in chert.												
		336.0 - 338.0 - Trace muscovite in fragments-brecciated chert.												
345.0	393.0	(50% PO-MASSIVE SULFIDE SECTIONS + 50% CHERT-PO SECTIONS)	345.00	348.00	3.00	5672	590	76	2292	1.4	1368	26.75	23	49
		Brecciated chert-biotite-graphite traces Zns, Po 50% cement.	348.00	351.00	3.00	5673	528	60	7029	3.5	1677	26.02	11	45
		Interbanded with Po-sulfide breccia sections, with fine	351.00	354.00	3.00	5674	494	70	2372	1.1	953	29.92	103	240
		grained, minor coarse grain cherty clasts, occassional	354.00	356.00	2.00	5675	368	71	1932	1.0	1158	26.09	16	54
		muscovite bearing clast[illegible] section amphibolite banded,	356.00	359.00	[illegible]	5676	317	41	4845	0.8	1949	20.02	37	12
		banded, hornblende-epidote-plag-biotite-garnet schist near	359.00	362.00	3.00	5677	277	44	3402	0.8	1433	14.82	30	14
		lower margin.	362.00	365.00	3.00	5678	155	41	1265	0.7	1262	11.94	18	28
		345.0 - 355.4 - Po sulfide breccia, chert-brecciated clasts,	365.00	367.60	2.60	5679	221	38	1009	1.0	716	20.26	20	17
		clasts, traces Zns, cherty clasts total Po 60%.	367.60	370.00	2.40	5680	364	71	745	1.5	447	30.00	101	42
		355.4 - 366.5 - Banded chert, brecciated, Po.	370.00	373.00	3.00	5681	213	41	982	0.8	587	17.16	19	26
		366.5 - 393.0 - 40% Po-quartz sulfide brecciated sections,	373.00	376.00	3.00	5682	363	35	2078	0.8	579	17.26	17	21
		minor brecciated chert clasts. Traces fibrous mineral	376.00	379.20	3.20	5683	220	20	366	0.6	418	17.19	10	61
		actinolite - in epidote-hornblende clast in sulfide breccia	379.20	381.70	2.50	5684	187	34	146	0.7	508	20.53	239	61
		section. 60% of section chert laminated, Po 30%, increase to	381.70	383.70	2.00	5685	214	32	591	0.7	1558	17.37	561	177
		40%, graphite, traces Zns, near lower margin of unit. Traces	383.70	386.40	2.70	5686	86	24	466	0.4	1548	7.71	1469	42
		Aspy. Minor weakly brecciated chert section.	386.40	389.60	3.20	5687	278	103	2243	0.5	808	16.10	67	17
		383.2 - 384.5 - Quartz-biotite-hornblende, minor Po banded	389.60	392.00	2.40	5688	438	73	773	0.9	540	22.34	1733	21
		schist.												
		384.5 - 385.4 - Amphibolite banded +/- biotite, garnet.												
393.0	427.2	(AMPHIBOLITE BANDED)	392.00	394.00	2.00	5689	294	110	3583	0.7	1194	18.69	8338	384
		Hornblende-quartz-biotite, 10% epidote-plag. mm to cm lenses,	394.00	395.80	1.80	5690	82	13	546	0.2	841	6.64	238	5
		trace Py. Foliated at 40 to C.A. Minor fine to coarse grained	395.80	399.00	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		garnet bands. Minor massive sulfide-Po sections near top	399.00	401.00	2.00	5691	195	20	152	0.4	656	13.71	301	12
		of unit. Weak silicified; nearest upper, lower contacts.	401.00	412.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		393.0 - 395.0 - Silicified; contact margin.	412.00	415.00	3.00	5692	57	8	82	0.2	656	6.73	134	5
		395.0 - 401.0 - Po disseminated fine grained 50%-chert,	415.00	417.00	2.00	5693	151	9	79	0.3	378	13.82	91	TRACE
		garnetiferous silicified. Amphibolite along lower margin.												
		412.0 - .1' Po-Py late band.												
		416.6 - 417.6 - Garnet-biotite band.												
		415.0 - 416.6 - Po .6' section, disseminated Po.												
		422.0 - 423.0 - Po cm band.												
427.2	456.0	(AMPHIBOLITE BANDED, GARNET, BIOTITE)												

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan lake
HOLE No.: CB120

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)	Au(ppb)
							ASSAYS							
		Similar to previous unit, with addition of garnet bands, fine grained, disseminated coarse grained garnets. Total 20% to sections 60% garnet. 60% garnet sections usually biotite rich; garnet biotite-quartz-epidote. Garnet content decrease to 15% to 456.'; amphibolite increased quart, biotite sericite schist content. Traces Py Po. 441.0 - 442.0 Granite pegmatite, white, medium grained. 443.0 - 444.0 - .1' Po massive sulfide section.												
		456.0 EOH.												


CB 122
CB 121
ZONE EXT-9
ZONE EXT-10
ZONE EXT-11
65 M
148 m.
0 50 100
Scale; Meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB121
Collar Eastings: 9200.00
Collar Northings: 645.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 30.00
Final Depth: 306.00 feet

Logged by: P. Barc
Date: Jan. 22-23, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	6.0	(CASING)
6.0	141.6	(QTZ-BTE SCHIST + QTZ-BTE GNEISS) Inhomogenous unit. 80% of unit Qtz-bte gneiss;f-cg,white,black banded,speckled Gneissocity crudely developed;occ.mm bands. Banding variable orientation,predominantly at 60 to CA.. Minor sections with bte to 70 %. Muscovite traces in sections. Gneiss sections grade into fg greyish black speckled qtz-fds-bte schist sections;20% of unit. Felsic tuff sections ranging from <1.' to >10.' Traces pyrite along fol'n planes esp. in cg bte knotted sections in gneissic sections. *Occ. .1' granite pegmatite pods.* 122.5-125.0 Traces pyrite,fg diss.
141.6	149.0	(QTZ-BTE SCHIST) Similar to fg sections of previous unit. Minor mg to cg section .2' at 146.0'. Late qtz vien,flooded,.4',traces py on x-fractures.
149.0	153.4	(QTZ-BTE-MUSC SCHIST) Greyish, fine to medium grained, similar to previous unit, with addition of fine grained muscovite bands, speckled, 5-10% muscovite. Weak biotite, muscovit banding on a mm scale. 149.0 - .1' Py, quartz banding along contact margin.
153.4	157.0	(GRAPHITE SCHIST) Fine grained, banded greyish, black, whitish-streaks-mm X 3mm sillimanite grains. Graphite 25%, quartz 20%, biotite 20%, sillimanite 20%, Py 10%. Graphite as fine grained disseminated, mm bands. 156.5 - 157.0 - *Fine grained pegmatite cm to .1' bands.*
157.0	197.4	(QUARTZ-BIOTITE SCHIST + GRANITE PEGMATITE) 50% granite pegmatite, <1' to >2' sections, pink, fine to coarse grained, occassional greenish feldspar grains. *Traces graphite, pyrite, graphite 20%, Py 20% secta.ns* .1'-.2' near contact margins. Foliated at 70 to C.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	153.40	153.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
153.40	157.00	3.60	5694	58	15	432	0.6	322	3.64	19
157.00	159.40	2.40	5695	35	11	244	0.4	290	2.58	10
159.40	162.00	2.60	5696	21	6	116	0.3	220	1.72	13
162.00	165.50	3.50	5697	32	12	188	0.2	397	2.80	9
165.50	167.00	1.50	5698	69	10949	9959	10.8	625	4.21	21
167.00	171.00	4.00	5699	37	59	275	0.2	398	2.85	15

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB121

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		50% sections greyish, black speckled quartz-biotite 10% schist	171.00	173.50	2.50	5700	22	26	113	0.2	398	2.51	8
		Pyrite in sections 5-10%, occassional graphite bands. Traces	173.50	192.00	18.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Sphal. Occassional muscovidte grains, especially nearest to	192.00	194.20	2.20	5701	48	21	224	0.3	342	4.09	16
		granite pegmatite sections. Narrow cross fracture Sphal.	194.20	196.90	2.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		massive coating. Minor sections											
		157.0 - 159.4 - Quartz-biotite, disseminated graphite,											
		cm bands.											
		159.4 - 174.0 - Granite pegmatite, pink.											
		162.0 -.2' band graphite-pyrite.											
		164.7 - Graphite-Py bnds in pegmatite.											
		166.0 - Spal. 20% cm cross fractures in troniz.											
		174.0 - 196.1 - Troniz. pegmatite, weak foliated, cm to 1'											
		bands. Minor pyrite in quartz-biotite sections.											
		196.1 - 192.4 - Granite pegmatite, pink, trace Py.											
		Greenish-muscovite cm lenses at lower contact.											
197.4	222.5	(CHERT-BANDED, PY, PO + 10% GRANITE PEGMATITE)	196.90	200.00	3.10	5702	40	17	189	0.4	195	2.65	11
		Granite pegmatite as cm to .2' bands near top portion,	200.00	203.30	3.30	5703	20	15	223	0.3	339	3.27	15
		plus 6' section near lower margin.	203.30	206.00	2.70	5704	37	10	743	0.4	482	4.63	10
		Greyish, black, orange mm banded chert, very fine grained,	206.00	210.00	4.00	5705	18	10	293	0.3	239	3.14	10
		biotite 5%, graphite 5%.	210.00	212.20	2.20	5706	89	20	187	0.6	293	15.99	121
		Pyrite banding; 15%, especially near to of unit. Minor Po	212.20	216.20	4.00	5707	11	20	358	0.4	115	1.98	17
		bands. Sillimanite, fine to coarse grained, to 20% over	216.20	219.00	2.80	5708	18	13	154	0.3	155	3.09	13
		narrow (.5' section. Total 5% concentracted nearest granite	219.00	222.50	3.50	5709	16	15	104	0.2	147	2.08	7
		pegmatite section, with traces muscovite.											
		Orange banded intensity increased nearest granite pegmatite											
		section.											
		203.6 - Traces cordierite, coarse grained disseminated											
		crystals.											
		210.2 - 212.0 - Po 60% - Py 20%, graphite, biotite, greenish											
		"rhombic" euhedral crystals, 10% to pebbie sized, epidote +											
		quartz often hornbiende.											
		197.4 - 203.5 - Orange, grey banded mm to cm scale trace											
		muscovite. Blocky broken core, cross fractured.											
		Weak Chill. margin, very fine grained textured.											
		Minor Py bands. Occassional whitish streaks in orange bands.											
		Sillimanite.											
		20% granitic pegmatites, weakly mylonitic textured orangish,											
		fine to medium grained, Kfeldspar, cm to .2'.											
		203.5 - 210.2 - Greyish, minor orange chert + pegmatite fine											
		grained bands.											
		Chert mm banded; graphite 5-10%, disseminated, biotite to 5%,											
		muscovite 2%, minor Po, Py. Sillimanite fine to coarse grained											
		laths - irregularily distributed 5-10%.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB121

FROM	TO	LITHOLOGICAL DESCRIPTION
		203.5 - .7' Rhombic crystals coarse grained cordierite fine to medium grained disseminated, 2%.
		210.2 - 212.0 - Chert-laminated Po-graphite, Py, biotite greenish-white zoned crystals.
		212.0 - 216.4 - Granite pegmatite pink-orange, coarse grained minor fine grained sections, with Kfeldspar, crystals greenish tinted near top contact.
		Minor biotite, black medium grained crystals, tourmaline.
		Py-quartz .2' band upper contact.
		215.8 - Graphite massive coating cross fracture.
		216.4 - 222.5 - Chert, sillimanite, muscovite, biotite, minor Po bands, Minor granite pegmatite.
		217.5 - 221.0 - chert-sillimanite 30%, fine to medium grained muscovite, minor biotite.
		221.0 - 222.5 - Cherty minor biotite, muscovite, sillimanite traces Po, Py.
222.5	261.5	(PO-CHERT-GRAPHITE SCHIST)
		70% of unit; finely banded chert.
		Po 50%, 20-60%, chert, graphite 25%, biotite 5%, traces Sphal.
		Minor Py 25% Po section, near to 1' felsic tuff section.
		30% of unit; Po sulfide breccia sections;
		Po total 70-80%, 20-30% cherty fine to coarse grained
		cherty clasts.
		Minor 2' grainite pegmatite section.
		225.5 - 225.3 - Po-massive sulfide-breccia.
		Po 70% matrix in finely brecciated chert-graphite-biotite
		schist. Weak quartz flooded .1' section.
		Gradation to laminated Po-chert-graphite-biotite schist.
		225.3 - 228.4 - Po 35%, Po-chert-graphite-biotite, traces
		Sphal in Po.
		228.4 - 234.0 - Po decrease to traces, 35% to trace, trace pyrite.
		233.0 - 234.0 - Cherty grey clasts-oval pebbles in chert-graphite-biotite schist.
		234.0 - 236.2 - Felsic tuff, fragments-felsic 236.2.
		Muscovite disseminated 10%/.3'.
		Po, Py 25%/.3'.
		236.2 - 253.0 - Brecciated + laminated chert-Po-graphite-biotite. Po 40%, sections minor Po. Py 20% sections near top of section.
		241.0 - Traces Sphal.
		245.0 - Traces medium grained Aspy.
		253.0 - 255.0 - Granite pegmatite, pink, medium grained,

ASSAYS

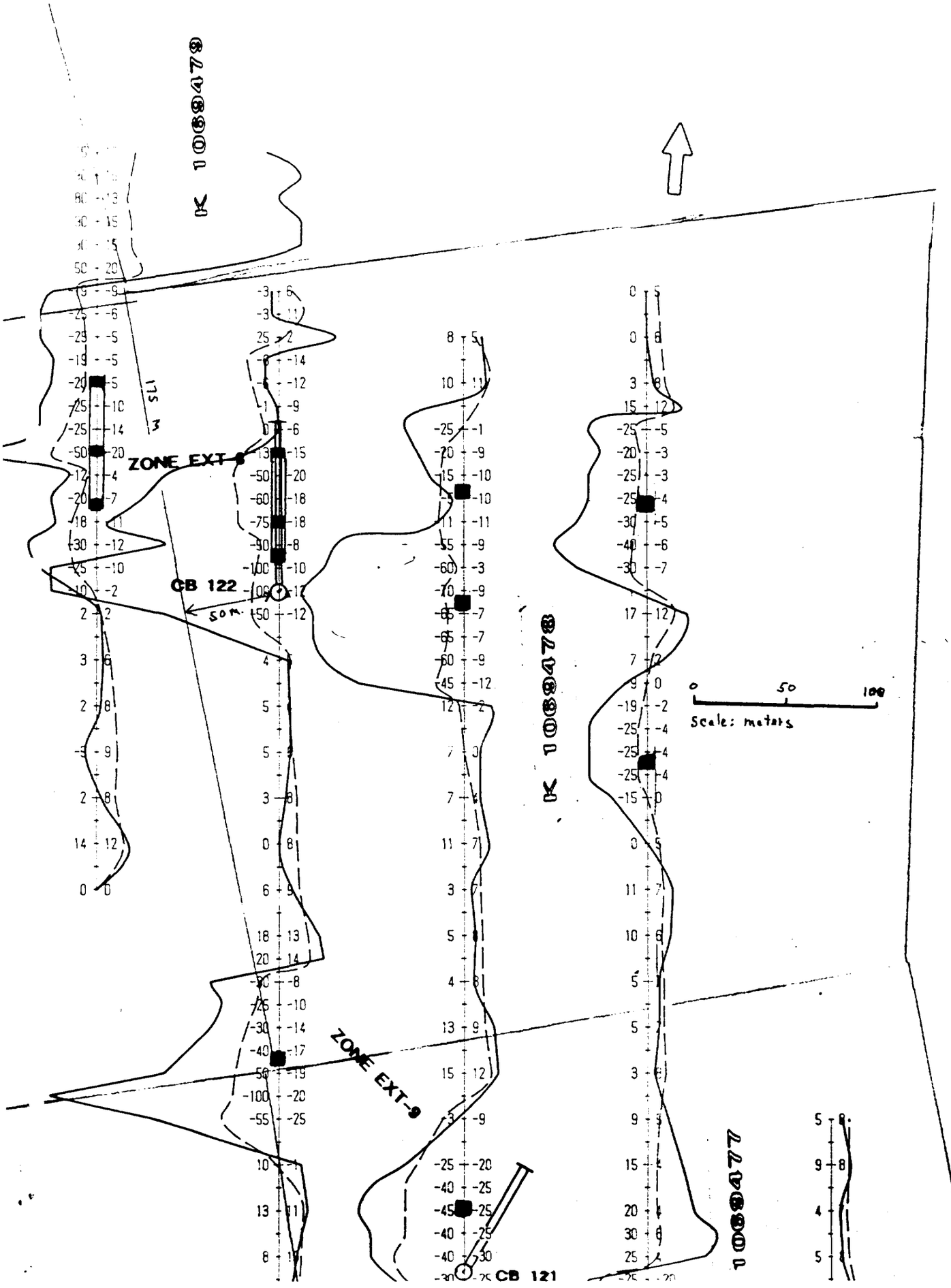
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
222.50	226.00	3.50	5710	136	15	559	0.5	135	19.66	8
226.00	228.40	2.40	5711	57	4	739	0.3	102	12.51	4
228.40	231.00	2.60	5712	25	12	486	0.2	125	5.33	TRACE
231.00	234.00	3.00	5713	24	19	416	0.3	190	4.49	8
234.00	236.20	2.20	5714	35	36	265	0.5	465	5.30	13
236.20	239.00	2.80	5715	64	9	712	0.5	136	12.34	TRACE
239.00	242.00	3.00	5716	78	9	962	0.5	120	15.03	TRACE
242.00	245.00	3.00	5717	102	17	1533	0.5	165	18.33	38
245.00	247.00	2.00	5718	110	27	1006	0.7	166	21.22	830
247.00	250.00	3.00	5719	98	11	824	0.6	156	18.48	15
250.00	253.00	3.00	5720	46	16	469	0.4	257	9.29	62
253.00	255.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
255.00	257.00	2.00	5721	41	11	570	0.4	165	8.21	10
257.00	259.00	2.00	5722	96	6	769	0.3	255	16.61	6
259.00	261.50	2.50	5723	56	TRACE	389	TRACE	157	11.85	20

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB121

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
								ASSAYS					
		weak mylonitic texture, muscovite 20% - braided matrix. 255.0 - 256.2 - Chert-graphite-biotite grey orange banded minor Po. 256.2 - 259.0 - Po 40%, Py 15% in chert-graphite-biotite schist. 259.0 - 261.5 - 50% Po laminated, occassional cherty, cross fractured sections, 2 X .4' with whitish streaks-sillimanite.											
261.5	274.5	(SILLIMANITE-MUSCOVITE-QUARTZ-BIOTITE SCHIST) Rhyolite recrystallized; brownish grey, black banded, whitish mm X cm streaks. Sillimanite streaks to 30% of sections. Traces graphite. Gradual increase in quartz-muscovite-biotite schist to fine to medium grain. 261.5 - 269.0 - increased sillimanite trace to 30% traces graphite. 266.5 - 269.0 - 3-.1' granite pegmatite, pink orange feldspar bands. 269.0 - 274.5 - Decreased sillimanite content, increased biotite, quartz content. Weak foliated quartz-biotite schist in sections, traces pyrite. Occassional greenish white cm ovai clasts-felsic fragments.	261.50 263.00 264.00	263.00 264.00 270.50	1.50 1.00 6.50	5724 N.S. 5725	23 N.S. 23	TRACE N.S. TRACE	219 N.S. 50	0.2 N.S. 0.2	267 N.S. 205	3.32 N.S. 1.93	6 N.S. 14
274.5	306.0	(QUARTZ-BIOTITE GNEISS) Similar to collar unit. Quartz, biotite, muscovite speckled. Weak gneissocity developed-variable. Minor fine to medium grained quartz-biotite sections, <5%. Occassional troniz pegmatites, medium grained .1'-.2'. Weakly foliated at 50 to C.a.. Sections irregualr oriented banding, to 0 to C. A. Sillimanited occassional streaks-sections 5-10%. Traces fine grained garnets. Traces Py on cross fracture. 283.0 - 286.0 - Folialfolded: 1' scale. 298.6 - Trace Aspy - euhedral medium grained crystal. 306.0 EOH	270.50	306.00	35.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.


K 10884178
ZONE EXT-8
CB 122
50 m
ZONE EXT-9
CB 121
K 10884178
0 50 100
Scale: meters
K 10884177

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: 0
HOLE No.: CB122
Collar Eastings: 9100.00
Collar Northings: 1012.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 426.00 feet

Logged by: P. Barc
Date: Jan 27-28, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	7.4	(CASING)
7.4	46.0	(QUARTZ-BIOTITE SCHIST/GNEISS + TRONDHJEMITE SECTIONS) Fine grain grey-black biotite speckled schist, minor sections gneissocity weakly developed. Minor disseminated muscovite, bands. 20% trondhjemite sections to 4.5'. whitish, occassional greenish feldspar Weakly foliated to 60 to C.A. Trondhjemite sections non-foliated. Minor pink - Kfeldispar rich pegmatite, biotite foliated. 35.9 - 37.9 - Py + Po 10%; mm laminated.
46.0	64.0	(QUARTZ-BIOTITE SCHIST) Similar to portions of previous section. Fine grained quartz, biotite speckled; biotite 10%, sections fine grain weak gneissic textured. Minor tronj. pegmatite; cm to .1' bands. Minor late mm to cm quartz bands 58.0 - 62.0 - Sillimanite; 155 whitish streaks, mm to cm size 58.0 - 64.0 - hornblende minor cm bands.
64.0	79.3	(TRONDHJEMITE + QUARTZ-BIOTITE-MUSCOVITE SCHIST) 80% trondhjemite cm to 5' dikes, medium grain, trace Py along margins. 20% Quartz-biotite-muscovite lenses, patches weak gneissic textured, fine to medium grain.
79.3	426.0	(QUARTZ-BIOTITE GNEISS, PO MINERALIZED SECTIONS) inhomogenous unit. Sections quartz-biotite, fine grain banded schist textured, trace fine grain garnets, grey black banded. Po laminations narrow sections to 60% Po, mm bands, minor sulfide breccia. Sections quartz-biotite-muscovite, minor, pink, pale beige coloured rhyolite? Sections fine grain tronj. medium grain, coarse grain tronj. whitish, black biotite speckled. Biotite 5% in quartz-biotite gneiss in sections. Minor rich gneiss closest to mineral zone. Foliated, banded at 70 to C.A. 87.0 - 88.6 - Py, Po 20%, disseminated, stringers mm, epidote-

ASSAYS

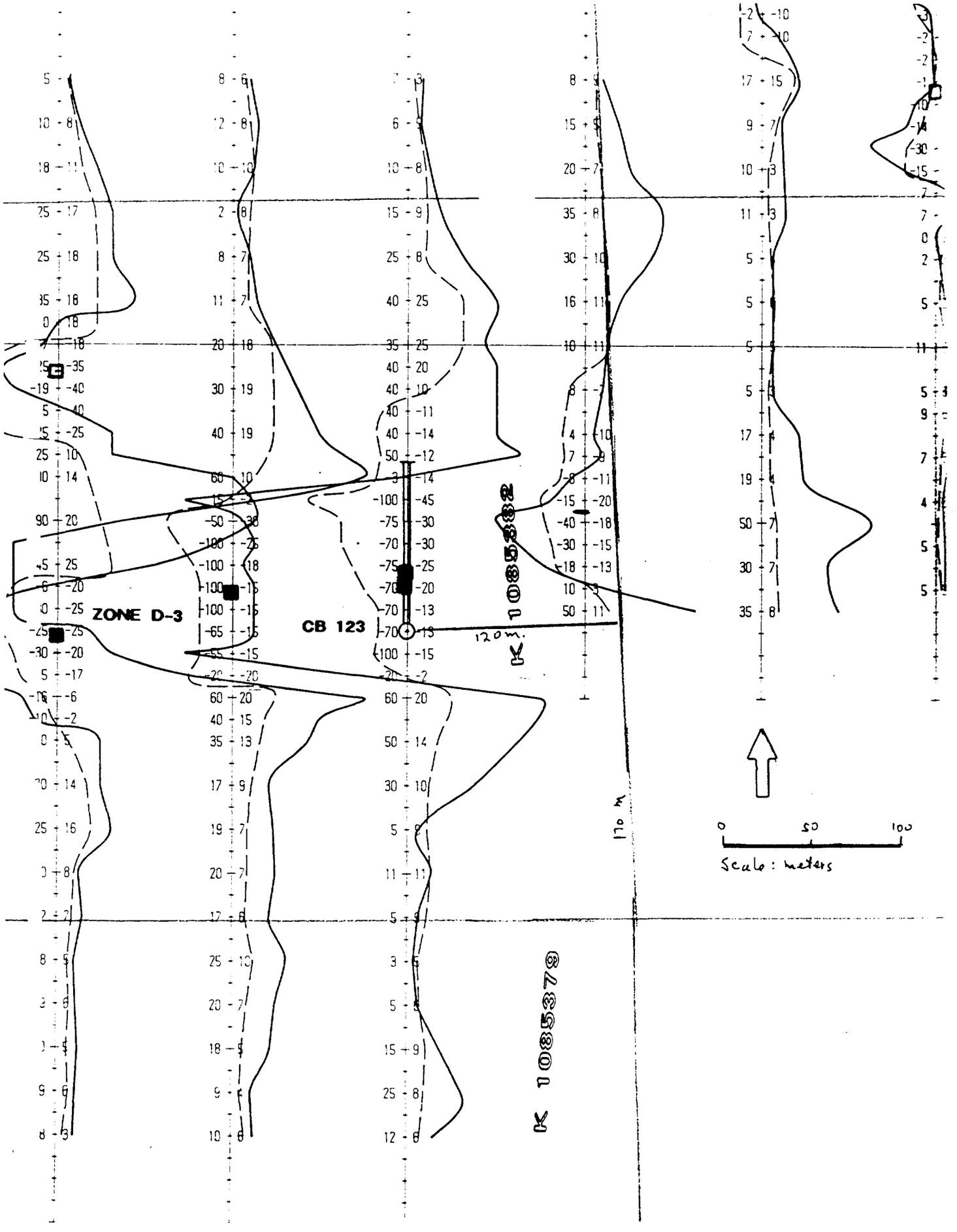
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.0	35.80	35.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
35.80	38.00	2.20	5818	89	6	167	0.2	297	4.86	6
38.00	87.00	49.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
87.00	89.00	2.00	5819	61	20	124	0.3	368	4.38	13
89.00	98.70	9.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
98.70	100.00	1.30	5820	59	10	322	8.5	368	4.98	24
100.00	103.00	3.00	5821	58	10	499	0.1	329	4.21	11
103.00	106.00	3.00	5822	34	11	188	0.1	289	2.82	10
103.00	106.00	3.00	5822	34	11	188	0.1	289	2.82	10
106.00	108.00	2.00	5823	308	42	147	1.9	406	11.70	68
108.00	111.10	3.10	5824	163	24	204	1.4	134	9.25	24
111.10	113.10	2.00	5825	28	11	123	0.4	169	NIL	13
113.10	200.00	86.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
200.00	202.00	2.00	5826	102	12	154	0.1	211	3.79	14
202.00	353.50	151.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
353.50	356.50	3.00	5827	71	26	340	0.1	260	3.60	13

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: O
HOLE No.: CB122

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		cm green laminations.	356.50	419.00	62.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		96.0 - 111.1 - Quartz-biotite-muscovite gneiss, Py, Po 10%	419.00	420.00	1.00	5828	37	15	118	0.1	166	2.11	36
		Biotite rich sections.											
		106.0 - 111.1 - Po 50%, bands, disseminated in pink pegmatite											
		+ fine to medium grain tronj.											
		207.8 - Po 40%; .1' section.											
		206.0 - 306.0 - Quartz-biotite schist, biotite 10%, 30% fine											
		to coarse grain tronj. pegmatite cm to 5'.											
		Feldspar-plag phyric sections.											
		Occassional muscovite grains in pegmatites, quartz-biotite											
		schist sections.											
		306.0 - 320.0 - Pink pegmatite bands, foliated, muscovite,											
		biotite, increase biotite in quartz-biotite gneiss to 50%.											
		336.2 - 334.0 - Quartz-Kfeldspar-biotite-muscovite gneiss-											
		rhyolite.											
		346.0 - 375.0 - Tronj. pegmatite 75%											
		354.0 - 354.5 - Fine grain disseminated pegmatite in tronj.											
		pegmatite 20%, trace fine grain Aspy.											
		403.0 - Red-pink stained quartz-biotite gneiss, feldspar											
		phyric bands.											
		419.0 - Po 5% in fine grained quartz-biotite-muscovite gneiss.											
		426.0 - EOH											


ZONE D-3
CB 123
120 m.
170 m
0
50
100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB123
Collar Eastings: 1400.00
Collar Northings: -162.00
Collar Elevation: 0.00
Grid: Grid D

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 446.00 feet

Logged by: P. Barc
Date: Jan. 31-Feb. 2, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.0	5.0	(CASING)											
5.0	140.0	(QUARTZ-BIOTITE GNEISS + SCHIST + TRONDHJEMITE SECTIONS) Inhomogenous unit. Fine grain quartz-biotite gneiss, greyish, black, mm banded fine grain, to 50% of sections. 50% tronj. bands, whitish sections quartz-biotite +/- garnets fine grain speckled schist textured. Narrow sections quartz-Kfeldspar-muscovite-biotite schist, gneiss. Occassional fin grain, narrow granodiorite ~late pegmatite. Foliated, banded at 30 to C.A. 5.0 - 31.0 - Quartz-biotite weak gneissic textured sections, tronj. dikes 50%. 31.0 - 80.0 - Quartz-feldspar-muscovite-garnet sections; garnet fine to coarse grain, 10-20%/.5' bands, + biotite. 30% meddium grain tronj. pegmatite. Traces pyrite on fractures. Occassional whitish oval 2mm lenses; QFP fragments. 80.0 - 108.0 - Quartz-feldspar-biotite speckled schist, minor tronj. dikes. 108.0 - 140.0 - Tronj. dikes 80%, with quartz-feldspar-muscovite-biotite weak gneiss textured bands.	0.00	138.40	138.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
140.0	233.5	(QUARTZ-BIOTITE-MUSCOVITE GNEISS - MINERALIZED CHERT) Cherty-Py-graphite schist sections; 15% of unit. 20% tronj. dikes, fine, medium grain, traces Py-graphite Quartz-biotite gneiss, greyish, fine grain, weakly speckled foliated textured. Foliated 30 to C.A. Black, biotite, white; muscovite speckled sections. Sillimanite; cm X mm streaks 142.0 - 146.0. Muscovite rich sections pale brown coloured; white streaks. Minor medium to coarse grain granite pegmatite, foliated Pyrite to 40%/cm to 10' sections, vuggy, graphite Po 15%, cherty section. 140.3 - 142.0 - Cherty, graphite, Py 30% 142.0 - 155.0 - Sillimanite 155.0 - 159.0 - Py massive sulfide, disseminated, chert, graphite Py 40%. 162.0 - 168.0 Py 30%. 168.0 - 173.0 - Granite pegmatite.	138.40	140.30	1.90	5888	63	13	424	0.2	130	3.16	8
			140.30	142.50	2.20	5889	85	8	628	0.7	152	5.03	6
			142.50	146.00	3.50	5890	37	11	178	0.5	219	2.90	15
			146.00	149.00	3.00	5891	35	10	220	0.6	197	3.31	9
			149.00	152.00	3.00	5892	31	9	222	0.4	235	3.36	11
			152.00	155.00	3.00	5893	30	11	166	0.5	207	2.82	9
			155.00	159.00	4.00	5894	149	7	639	1.8	360	9.86	7
			159.00	161.70	2.70	5895	48	14	206	0.7	397	3.92	8
			161.70	164.00	2.30	5896	108	9	281	0.9	351	8.17	12
			164.00	166.00	2.00	5897	122	6	311	0.5	341	10.25	53
			166.00	168.00	2.00	5898	117	14	490	0.9	676	11.69	7
			168.00	173.00	5.00	5899	25	29	76	0.2	202	3.25	14
			173.00	176.00	3.00	5900	146	5	113	0.6	212	10.73	24
			176.00	181.00	5.00	5901	43	10	204	0.2	370	3.62	11
			181.00	183.00	2.00	5902	34	8	117	0.2	685	3.73	13
			183.00	187.10	4.10	5903	84	TRACE	555	0.2	174	7.63	5
			187.10	191.00	3.90	5904	36	15	75	0.2	131	5.16	9

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB123

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		173.0 - 176.0 - Gneiss, Py 20%.	191.00	196.00	5.00	5905	33	14	128	0.2	128	3.51	11
		176.0 - 181.0 - Quartz-biotite-muscovite gneiss, Py, graphite	196.00	225.50	29.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		181.0 - 187.0 - Cherty, biotite, Py 15%, Po 15%, graphite	225.50	228.00	2.50	5906	29	34	112	0.2	283	2.95	15
		221.0 - 233.5 - Quartz-biotite weak gneissic textured	228.00	231.00	3.00	5907	24	24	311	0.2	198	2.78	59
		Minor Py-chert sections; Py to 20%/1' section.	231.00	233.50	2.50	5908	33	16	140	0.2	189	2.82	17
233.5	267.6	(SILLIMANITE-QUARTZ-BIOTITE SCHIST, CHERT SECTIONS)	233.50	236.00	2.50	5909	36	13	101	0.4	234	3.23	15
		Similar to previous	236.00	237.80	1.80	5910	37	12	189	0.2	246	3.28	14
		Addition of fine grain to medium grain sillimanite streaky	237.80	239.00	1.20	5911	100	11	139	1.5	297	9.67	14
		grains to 50%/1-2' sections. 20% greyish black cherty 1-4'	239.00	242.80	3.80	5912	64	8	427	0.8	353	5.61	9
		sections, pyrite, minor Po.	242.80	244.80	2.00	5913	41	12	158	0.2	311	4.27	8
		Sillimanite sections cross fractured, pyrite + black clayey	244.80	246.00	1.20	5914	38	15	184	0.2	391	4.45	11
		coatings. Occassional quartz-pyrite flooded sections.	246.00	250.00	4.00	5915	41	11	239	0.5	316	4.33	6
		238.0 - 238.8 - Py-quartz, Py 25% muscovite-graphite schist.	250.00	255.00	5.00	5916	26	9	75	0.2	204	2.82	12
		243.0 - 244.0 - Cherty, fine grain Py 15%, graphite	255.00	260.00	5.00	5917	21	10	98	0.2	125	2.37	15
		247.5 - 250.0 - Cherty, Py 20%.	260.00	265.00	5.00	5918	22	6	262	0.2	221	2.83	7
		250.0 - 260.0 - Trace cordierite	265.00	267.60	2.60	5919	21	9	253	0.2	226	2.75	11
		260.0 - 264.0 - Cherty, minor Py.											
		264.0 - 267.6 - Chert-Py/sillimanite sections, minor Po.											
267.6	306.0	(PO, PY MINERALIZED + TRONDHJEMITE SECTIONS)	267.60	271.30	3.70	5920	84	6	275	0.9	241	15.96	22
		Po, Py ranges from 10% - 60%, with quartz, biotite banded	271.30	274.00	2.70	5921	113	15	418	1.8	145	19.05	37
		granulated schist + Po sulfide brecia sections, minor cherty	274.00	277.00	3.00	5922	119	21	769	3.9	260	19.52	29
		sections. Traces Sphal. in late quartz-pyrite vien.	277.00	280.30	3.30	5923	99	9	251	3.0	341	20.85	12
		Tronj. bands, 5% to >50% of unit, total 25%. Minor Po, Py	280.30	284.50	4.20	5924	45	17	212	0.2	253	8.96	7
		disseminated Foliated at 20 to C.A.	284.50	287.30	2.80	5925	116	24	512	3.9	634	19.63	14
		267.2 - 272.0 - Po 10% to 40%, pyrite. Po, Py in tronj. bands	287.30	288.50	1.20	5926	40	20	1976	1.6	646	6.26	40
		272.0 - 280.0 - Po 60% crenulated schist, pyrite vuggy bands	288.50	290.00	1.50	5927	150	2	3158	2.3	361	14.18	4
		cherty bands.	290.00	295.30	5.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Tronj. 15% as to .2' bands + pink pegmatite.	295.30	298.00	2.70	5928	61	TRACE	618	0.2	478	11.96	8
		280.3 - 295.3 - Medium grain pegmatie >> Po, Py bands to .2'	298.00	302.00	4.00	5929	124	13	707	3.3	399	17.91	4
		Po 15%, sections to 50%. Pyrite bands .1' to 50%.	302.00	306.00	4.00	5930	141	8	292	1.5	475	18.59	16
		289.0 - Sphal. traces in Py-quart vien, tronj. green-black											
		grains, hornblende.											
		287.0 - Traces Sphal., Pyrite											
		295.5 - 301.0 - Chert, Po, Py bands.											
		302.6.- 306.0 - Py 60%; late vuggy vien, quartz in tronj.											
		pegmatite 301-.02'											
		306.0 - Finely cross fractured, cherty, pyrite coatings, Po.											
306.0	386.0	(PO-PY SULFIDE BRECCIA)	306.00	309.30	3.30	5931	70	7	668	2.5	761	11.05	14
		Py-chert-Po-graphite brecciated schist, increase in Po 10-40%,	309.30	312.20	2.90	5932	93	19	367	2.0	907	14.98	2
		gradational to Po-chert-sulfide breccia. Sulfide breccia,	312.20	315.00	2.80	5933	96	TRACE	960	0.9	810	13.66	2
		muscovite, biotite streaks, lenses cm X 7cm.	315.00	318.00	3.00	5934	74	6	394	1.0	627	13.87	TRACE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB123

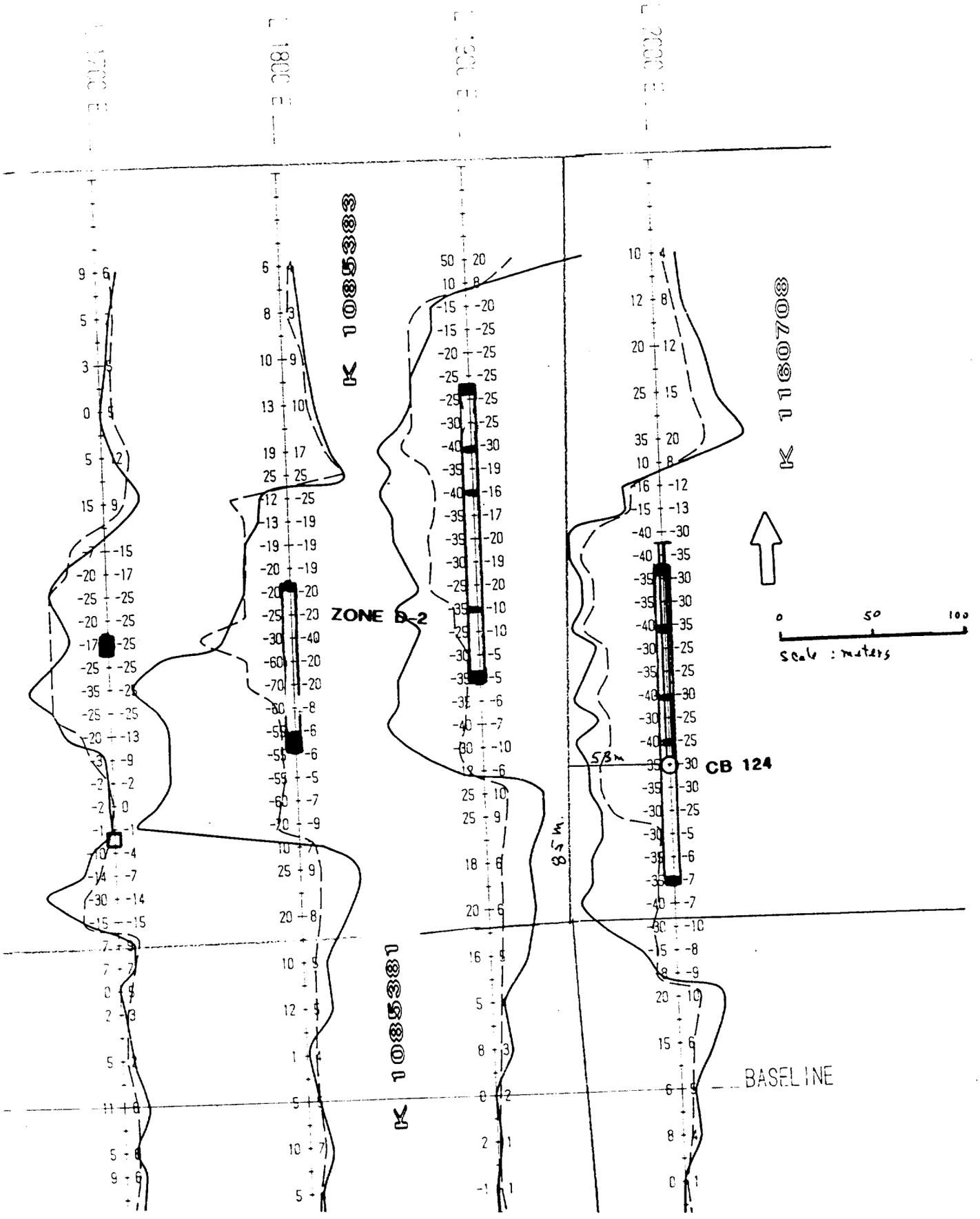
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Brecciated, mylonitic textured.	318.00	320.00	2.00	5935	84	5	1147	0.2	723	12.69	28
		Tronj., medium grain interbands to .5', Minor	320.00	323.00	3.00	5936	76	10	1257	3.1	598	13.38	5
		Sections 3' foliated at 0 to C.A.; folial fold.	323.00	326.00	3.00	5937	37	TRACE	801	0.2	617	7.82	3
		329.0 - 334.0 - Po sulfide breccia, minor Py, Py 10%, Po 50%	326.00	329.00	3.00	5938	31	14	1397	0.6	624	6.93	9
		334.0 - 346.0 - Po sulfide breccia, graphite, muscovite-sili	329.00	332.00	3.00	5939	144	9	283	3.6	536	21.17	11
		lenses streaks.	332.00	336.00	4.00	5940	118	7	643	3.1	420	16.15	2
		341.0 - Trace Apsy, medium grain euhedral crystal	336.00	339.00	3.00	5941	101	9	800	4.0	265	15.36	TRACE
		346.0 - 377.0 - Po sulfide breccia, muscovite, graphite	339.00	342.00	3.00	5942	94	5	472	3.0	262	16.20	TRACE
		coarse grain, angular pebbiely-breccia. Minor tronj. section	342.00	346.00	4.00	5943	96	3	963	4.2	356	15.34	TRACE
		377.0 - 385.0 - Chert-biotite-Po, foliated 0 to C.A.	346.00	349.00	3.00	5944	105	3	441	2.1	350	14.78	TRACE
		Tronj. bands, interstitial Po. Minor pyrite.	349.00	352.00	3.00	5945	94	TRACE	233	1.4	366	14.48	TRACE
		385.0 - 386.0 - Late quartz-Py 40% vien.	352.00	356.00	4.00	5946	101	4	247	1.5	467	15.05	TRACE
			356.00	359.00	3.00	5947	93	TRACE	945	1.6	424	14.99	41
			359.00	362.00	3.00	5948	62	TRACE	483	0.8	581	12.26	12
			362.00	366.00	4.00	5949	123	6	294	2.0	555	19.50	TRACE
			366.00	369.00	3.00	5950	150	5	1405	3.3	433	17.45	TRACE
			369.00	372.00	3.00	5951	106	TRACE	441	3.0	530	15.44	TRACE
			372.00	376.00	4.00	5952	119	17	324	5.0	573	19.06	51
			376.00	379.00	3.00	5953	60	3	591	0.2	473	11.33	22
			379.00	383.00	4.00	5954	55	TRACE	402	0.2	545	9.92	25
			383.00	386.00	3.00	5955	84	6	191	0.6	676	13.52	30
386.0	402.0	(TRONDHJEMITE + GRANITE PEGMATITE)	386.00	391.00	5.00	5956	41	15	189	0.2	205	6.56	9
		Minor Po banding, streaks, in cherty-biotite sections	391.00	396.00	5.00	5957	36	19	201	0.2	411	7.39	9
		Po 15%/15'. Minor Po in tronj. pegmatites.	396.00	402.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Minor pink, muscovite bearing pegmatites.											
402.0	403.5	(QUARTZ-BIOTITE GNEISS + PO,PY)											
		Minor quartz-biotite section, tronj. pegmatites											
		Minor Po, Py ma bands.											
403.5	405.0	(AMPHIBOLE GNEISS)											
		Hornblende 40%, green black speckled gneiss, whitish-plag											
		rich matrix. Sharp contacts. Minor disseminated Py, biebs.											
405.0	446.0	(TRONDHJEMIT + GRANITE PEGMATITE)	402.00	406.00	4.00	5958	51	TRACE	341	0.5	300	7.85	8
		Tronj. + granite pegmatite + quartz-biotite-muscovite-Po 15%	406.00	407.00	1.00	5959	92	TRACE	134	1.4	278	11.26	2
		sections. 90% tronj.+granite pegmatite, foliated. Po variable,	407.00	412.00	5.00	5960	30	8	273	0.2	427	5.43	3
		narrow section cherty, Py 50%.	412.00	424.00	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		405.0 - 407.0 - Py 50%, minor Po, cherty band.	424.00	426.00	2.00	5961	21	9	72	TRACE	365	3.39	9
		407.0 - 411.0 - Quartz-biotite gneiss, muscovite Minor Po.	426.00	429.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		411.0 - 430.0 - Pink grainite pegmatita, tronj. green stained	429.00	433.70	4.70	5962	23	10	158	0.5	389	2.97	12
		feldspar. Po/Py to 25% over narrow sections.	433.70	446.00	12.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		430.0 - 432.0 - Quartz-biotite-muscovite gneiss, Po.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB123

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		446.0 - EOH											


K 1085383
ZONE D-2
K 1085381
K 1180708
CB 124
58m
85m.
BASELINE
0 50 100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB124
Collar Eastings: 2000.00
Collar Northings: 175.00
Collar Elevation: 0.00
Grid: Grid D

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 556.00 feet

Logged by: P. Barc
Date: Feb. 2-5, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	13.5	(CASING)
13.5	165.0	(QUARTZ-BIOTITE GNEISS + TRONDHJEMITE SECTIONS) 40% quartz-biotite gneiss bands; fine to medium, greyish black, biotite 5-10%, mm banded, biotite to 40%. 40% tronj., fine to medium grain, cm to 1' dikes, biotite Na plag., whitish, green feldspar. 20% quartz-biotite-schist weak gneiss textured, generally fine grain, biotite 5%, speckled Foliated, variable, generally at 70 to C.A. Gradual change to fine grain schist, biotite 5%. speckled-felsic tuff. 165.0 - 206.0 - Coarse grain quartz-biotite gneiss + tronj. sections. 206.0 - 222.0 - Fine grain and coarse grain quartz-biotite gneiss. Traces Po in biotite bands in gneiss and tronj. sections.
222.0	257.3	(QUARTZ-MUSCOVITE-BIOTITE GNEISS + TRONDHJEMITE) Py, Po, graphite weakly mineralized sections-conductive bands. Sharp change from previous unit. Muscovite banding 10%. Minor tronj. sections; to 30%/14' , ranging to .4' Lighter coloured than previous section, less biotite; total 5-10%. Muscovite rich sections to 245.0. Change to biotite rich, disseminated Po, Py, graphite sections. 222.0 - 223.0 - Po, Py banding 10% 229.0 - 232.0 - Conductor; Py, Po total 10%, .2' Py-graphite band. 245.0 - 257.0 - Disseminated Po, bands, pyrite, 8%, traces disseminated graphite.
257.3	258.0	(PO-QUARTZ-GRAPHITE-BIOTITE SCHIST) 40% Po, mm braided banding. 30% graphite. Brecciated textured, quartz very fine grain clasts 25%, biotite 5%. Trace pyrite.
258.0	262.0	(APLITK GRANITIC PEGMATITE) 15% biotite knots black porphyroblasts cm sized aggragates Kfeldspar-quartz-plag-muscovite fine grain granitic.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	220.90	220.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
220.90	223.60	2.70	5026	65	6	115	0.2	353	4.16	14
223.60	225.80	2.20	5027	31	15	106	TRACE	212	2.35	8
225.80	229.00	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
229.00	233.60	4.60	5028	44	6	142	0.1	283	3.05	4
233.60	236.00	2.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
236.00	240.00	4.00	5029	37	17	99	0.5	254	2.64	10
240.00	243.00	3.00	5030	40	5	191	0.2	194	2.56	2
243.00	246.00	3.00	5031	28	5	140	TRACE	131	2.14	4
246.00	248.00	2.00	5032	27	7	141	TRACE	131	2.14	4
248.00	249.40	1.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
249.40	253.80	4.40	5033	28	10	151	TRACE	165	2.53	TRACE
253.80	255.80	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
255.80	257.40	1.60	5034	28	TRACE	220	TRACE	281	3.50	6
257.40	258.50	1.10	5035	113	TRACE	84	0.5	133	8.70	2
258.50	262.00	3.50	5036	14	2	50	TRACE	95	1.54	5

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB124

FROM	TO	LITHOLOGICAL DESCRIPTION
		Foliated 80% to C.A. Trace Po, Py. 260.7 - Whitish streaks - 2mm - sillimanite 260.0 - 261.0 - Beige orange banded, very fine grained
262.0	482.0	(QUARTZ-SILLIMANITE-SERICITE-BIOTITE SCHIST) Greyish, fine grain pale brown sericite, black biotite banded. Weak foliation 70 to C.A. 70% of unit; sillimanite crystal; ca X mm sized, to 40%/2' sections. Whitish streaks with brownish sericitic cores, rims. 10% tronj. sections + garnet, biotite, narrow, pervasive banding, section to 3'. Minor aplitic textured garnet-muscovite-biotite granitic bands. Decreased sillimanite crystals, increased garnetiferous sections to base of unit. Weak gneissic textured sections. Traces Po in sections. 390.0 - 391.0 - Conductor; 10% Po, medium blebs in feldspar quartz-biotite, sillimanite gneiss 482.0 - 487.3 - Quartz-biotite-muscovite fine grain gneiss, tronj. trace Po.
484.0	529.0	(QUARTZ-BIOTITE-MAGNETITE, CHERT-PO-GRAPHITE BIOTITE SCHIST) Quartz-biotite gneiss with minor muscovice bearing sections 40% granite pegmatite, pink, foliated, near top 20' Minor narrow grey-orange, black banded, cherty, biotite, Po, graphite sections to 8', minor Po massive sulfide sections. Po to 50%/1.2' Minor Pyrite. Minor graphite, sections to 30%/.2' Occassional mm X cm streaks - sillimanite crystals Traces medium grain greenish oval crystals - cordierite: 20%/.2' at 520.' Amphibolite: hornblende fine to medium grain crystals, quartz garnet-epidote bands: .3' 482.- - 490.0 - Cherty, biotite banded, trace white crystals. Trace Py. 490.0 - 491.0 - Granite pegmatite, coarse grain, biotite, muscovite. 491.0 - 493.0 - Cherty, white crystals sillimanite, Pyrite 10% 493.0 - 501.0 - Quartz-biotite gneiss, traces pyrite, Po. 501.0 - 506.2 - Granite pegmatite, interstitial Po 30%/.3', 20%/1.5'. 506.2 - 508.0 - Po massive sulfide + braided Po/quartz schist pyrite. Minor tronj. dikes.

ASSAYS

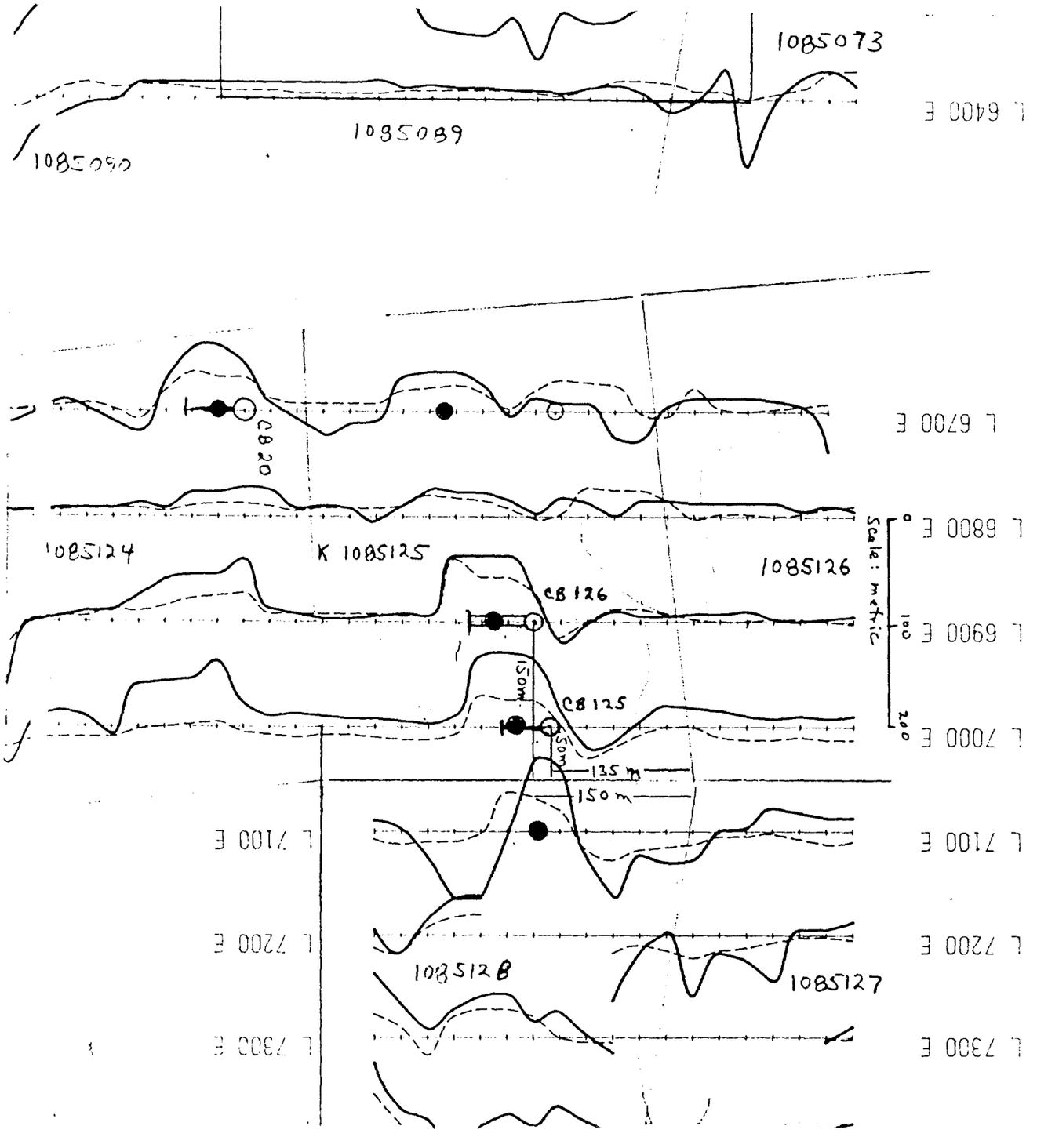
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
262.00	483.00	221.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
483.00	487.30	4.30	5037	14	8	58	TRACE	160	1.99	7
487.30	490.00	2.70	5038	15	4	50	TRACE	152	1.25	17
490.00	491.40	1.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
491.40	494.00	2.60	5039	63	4	88	TRACE	141	4.53	11
494.00	497.00	3.00	5040	66	2	135	0.8	193	4.48	16
497.00	501.00	4.00	5041	54	20	212	0.6	254	4.49	22
501.00	504.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
504.00	506.00	2.00	5042	65	14	60	1.3	78	6.24	TRACE
506.00	508.00	2.00	5043	177	13	99	2.6	119	17.93	TRACE
508.00	510.50	2.50	5044	31	17	294	0.6	382	2.84	22
510.50	514.00	3.50	5045	66	17	829	0.7	301	4.38	14
514.00	517.00	3.00	5046	76	20	1282	0.9	278	5.39	17
517.00	519.00	2.00	5047	120	8	2224	1.2	298	5.48	TRACE
519.00	522.00	3.00	5048	77	4	956	0.9	273	4.24	16
522.00	524.00	2.00	5049	55	7	301	0.8	361	3.10	12
524.00	526.50	2.50	5050	30	11	104	0.1	308	2.11	7
526.50	528.50	2.00	5051	29	3	124	TRACE	345	2.16	6

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB124

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
								ASSAYS					
		508.0 - 510.0 - Cherty											
		510.0 - 510.2 - Hornblende band: hornblende 15%, amphibolite.											
		515.0 - 524.0 - CONDUCTOR: chert-biotite-Po 15%, 10% graphite massive bands to .2', traces white oval crystals: CORD.											
		524.0 - 529.5 - Po 25%/5', Minor graphite bands, white crystals: sillimanite. Minor tronj. dikes, pink pegmatites.											
529.5	556.0	(QUARTZ-BIOTITE-MUSCOVITE GNEISS)	528.50	530.00	1.50	5052	88	7	860	0.4	317	4.40	TRACE
		Minor muscovite bearing sections.	530.00	534.00	4.00	5053	35	15	194	TRACE	402	2.55	7
		Biotite banded greyish gneiss, biotite knots; cm size,	534.00	537.00	3.00	5054	32	2	181	TRACE	329	2.39	TRACE
		Biotite 15%, muscovite 7%.	537.00	540.00	3.00	5055	32	17	212	TRACE	366	2.21	17
		Minor whitish laths: sillimanite	540.00	542.50	2.50	5056	37	4	115	TRACE	339	2.74	3
		Minor tronj. pegmatite, to .5', trace Po, biotite.	542.50	556.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Traces fine to coarse grain garnet .2' bands, trace biotite, Po. Weakly banded, foliated 70% to C.A.											
		Po 3%, traces pyrite.											
		556.0 - EOH											


1085073
1085089
1085090
L 6400 E
CB 20
L 6700 E
1085124
K 1085125
1085126
CB 126
L 6800 E
L 6900 E
Scale: metric
0
100
200
CB 125
150m
150m
135 m
150 m
L 7000 E
L 7100 E
L 7200 E
L 7300 E
1085128
1085127

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB125
Collar Eastings: 7000.00
Collar Northings: 515.00
Collar Elevation: 0.00
Grid: OML

Collar Inclination: -45.00
Grid Bearing: 180.00
Final Depth: 236.00 feet

Logged by: P. Barc
Date: Feb. 6-7, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	7.0	(CASING)
7.0	118.4	(QUARTZ-SILLIMANITE-MUSCOVITE-BIOTITE SCHIST) Felsic tuff-fragmental Greyish, fine grain, black, white banded, whitish streaks - sillimanite, coarse grain. Biotite 10%, muscovite to 5%, garnets fine to medium grain, to 10%/.1'. Finely banded, foliated at 50 to C.A. Sillimanite phyric sections; 15% of unit. crystals to 35%/1-2' sections. Quartz mm to cm banding, biotite, garnet, plag. felsic fragments. Minor whitish fine grain aphitic granite pegmatites to 14.5' biotite. 61.0 - 79.0 - Granite dikes 79.0 - 93.0 - Granite pegmatite aphitic 99.6 - 118.5 - Granitized quartz-biotite-muscovite schist, 30% white pegmatite to 1'.
118.4	129.0	(AMPHIBOLITE, WEAKLY SILICIFIED, PY, PO MINERALIZED) Black, white, green, mm banded, hornblende 60%, quartz 20%, Plag 10%, biotite 10%, epidote 10%. Occassional cm garnet bands. Py 10%, Minor Po, concentrated in garnet sections. 118.4 - 121.0 - Garnet, Py, Po. 121.0 - 122.0 - Granite pegmatite, biotite, pyrite trace. 127.0 - 129.0 - Biotite bands 30%.
129.0	150.5	(AMPHIBOLITE BANDED + PO-GRAPHITE-CHERT SECTIONS) Biotite banded pale green-black amphibolite, biotite 30-40%, with 55 cm epidote-plag lenses. Minor garnet bands near top. 15% narrow sections to 4'. Po-graphite-chert, traces Sphal. 3' narrow sections fine grained garnet 60% biotite, chert-clasts? Py 15%, Po 10%. Minor -2' granite pegmatites. 129.0 - 120.6 - Po-graphite, Py. 135.5 - 137.2 - Massive sulfide; Po 60% trace Aspy. 142.0 - 146.0 - Fine grained garnet 60%, gradational to trace. Po 20%, minor Py. 146.0 - 150.5 - Chert, Po 50%, trace Sphal., fine grain,

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	115.70	115.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
115.70	122.70	7.00	5080	78	22	332	TRACE	359	3.06	112
122.70	126.00	3.30	5081	139	7	698	0.3	455	5.27	67
126.00	129.00	3.00	5082	46	3	72	0.1	215	3.29	183
129.00	130.70	1.70	5083	165	5	1273	0.6	501	6.58	59
130.70	134.50	3.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
134.50	137.10	2.60	5084	266	5	1233	0.7	779	11.39	148
137.10	139.20	2.10	5085	77	5	242	0.1	651	6.56	178
139.20	142.00	2.80	5086	66	7	78	0.2	239	3.64	405
142.00	144.00	2.00	5087	138	2	272	0.5	812	6.96	398
144.00	146.60	2.60	5088	212	19	856	0.4	830	7.73	66
146.60	150.50	3.90	5089	323	11	5215	0.9	544	10.08	238

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB125

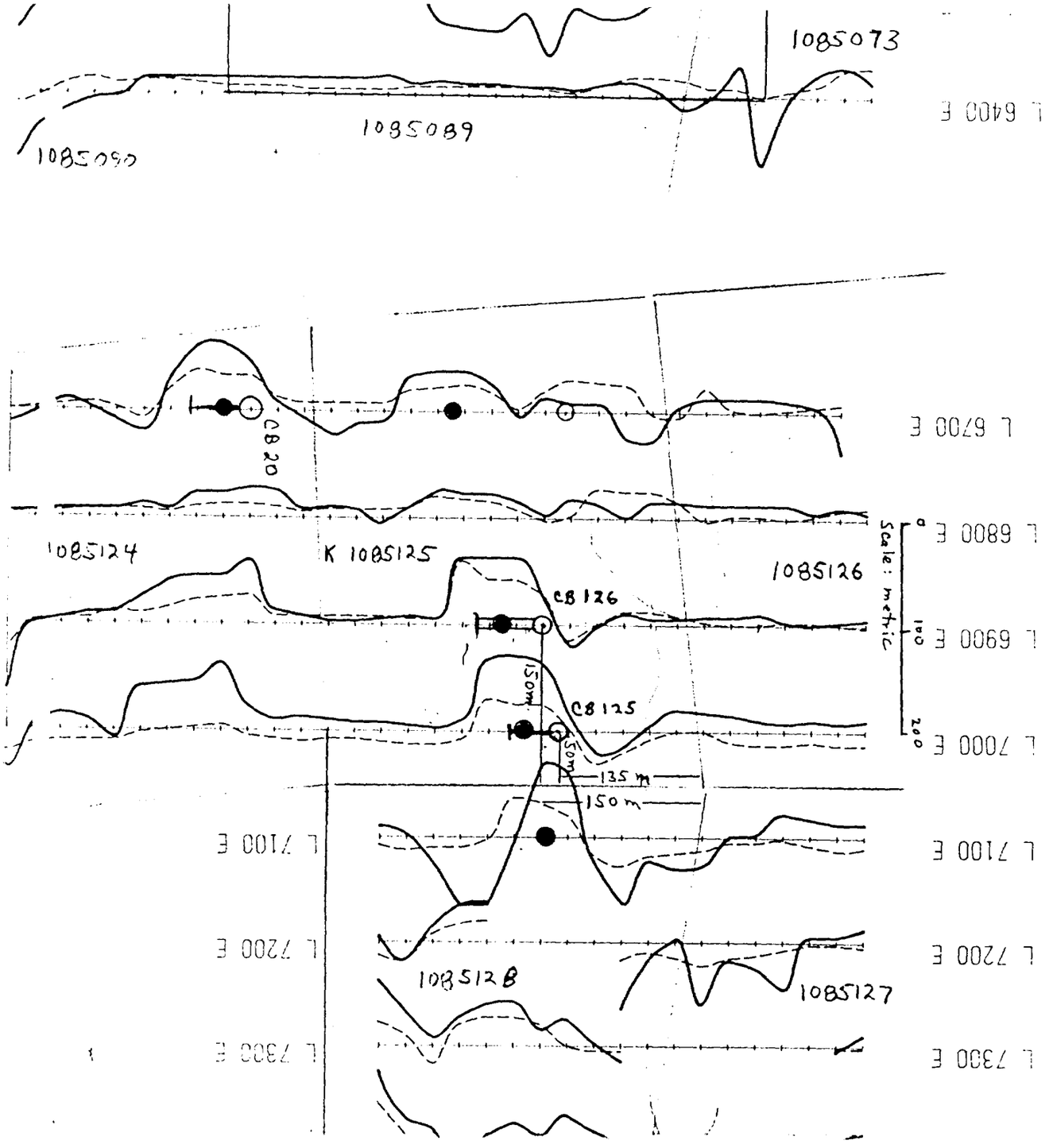
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		graphitic sections, biotite. Fragments - fine grained; quartz-biotite oval clasts; 15% in Po rich sections.											
150.5	190.0	(AMPHIBOLITE BANDED, QUARTZ, BIOTITE) 10% quartz mm, minor cm banding at 50 to C.A. Biotite 25%, decrease to 5%, minor garnet-biotite banded 4' section. increased epidote-plag-quartz cm lenses, pyrite traces.	150.50 152.00	152.00 189.70	1.50 37.70	5090 N.S.	104 N.S.	6 N.S.	446 N.S.	TRACE N.S.	405 N.S.	5.31 N.S.	138 N.S.
190.0	198.8	(FELSIC TUFF + CHERT BANDED - PO MINERALIZED SECTIONS) Felsic tuff: mm banded quartz-biotite schist with .4' epidote-plag lenses; clasts trace Po, Py. Chert-Po-graphite-biotite, trace Sphal. sections. 190.0 - 191.0 - Quartz-biotite-epidote/plag banded, Po + Py 20%. Section biotite 30%, quartz 30%, Po 20%, graphite. 191.0 - 194.0 - Biotite-quartz, Py 10%, weak clastic textured sections. 194.0 - 198.8 - Chert-Po-graphite, trace Sphal, Po 40%, finely laminated schist.	189.70 191.30 194.00 196.00	191.30 194.00 196.00 198.80	1.60 2.70 2.00 2.80	5091 5092 5093 5094	596 309 412 325	7 20 15 22	272 516 1868 1434	1.3 0.8 1.3 0.8	190 614 414 450	7.32 7.05 6.75 7.17	280 64 122 22
198.8	220.5	(CHERT-PY-PO-GRAPHITE-BIOTITE SCHIST) Chert 50%, Py 20%, Po 20%, graphite 5%, biotite 5%. Traces Sphal. in Py, Po bands. Py, Po concentrated in 1-2' sections. Minor hornblende, biotite banded section, epidote-plag-Py cm band. Granitic pegmatite section, fine grain, pink green tinted Kfeldspar. 201.6 - 203.2 - Hornblende banded schist. 209.2 - 212.8 - Quartz-biotite-hornblende schist, Py 20%, Po 20%, graphite banded. 1' section epidote-quartz-garnet-PO 30% vien-band. 214.0 - 216.0 - Quartz-biotite-hornblende Py 5%.	198.80 217.50	217.50 220.00	18.70 2.50	N.S. 5095	N.S. 149	N.S. 14	N.S. 938	N.S. 0.3	N.S. 584	N.S. 6.49	N.S. 173
220.5	224.8	(BIOTITE-QUARTZ SCHIST) Biotite 50%, quartz 25%, grey, black banded, epidote-plag +/- pyrite lenses 25%. Weak mylonitic textured. Minor hornblende bands. 223.0 - Traces fine to medium grained Aspy in biotite bands.	220.00 222.10	222.10 224.80	2.10 2.70	5096 5097	121 80	8 7	900 92	0.1 0.1	391 325	6.00 5.13	993 2654
224.8	231.8	(GRANITE PEGMATITE) Whitish, green tinted, biotite.	224.80 228.80	228.80 231.80	4.00 3.00	N.S. 5098	N.S. 40	N.S. TRACE	N.S. 102	N.S. TRACE	N.S. 313	N.S. 4.16	N.S. 457

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB125

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Biotite-quartz-hornblende bands; 2 X 1.3'.											
		228.9 - 231.8 - Biotite-quartz-hornblende, epidote-plag lenses, cm, pyrite 5%.											
231.8	246.0	(GRANITE PEGMATITE)	231.80	233.00	1.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Fine grain, pink, biotite, trace garnets.	233.00	234.00	1.00	5099	267	6	2308	0.3	580	9.10	91
			234.00	236.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		246.0 - EOH											


1085073
1085089
1085090
L 6400 E
L 6700 E
CB 20
1085124
K 1085125
1085126
CB 126
CB 125
150m
150m
135 m
150 m
Scale: metric
0
100
200
L 6800 E
L 6900 E
L 7000 E
L 7100 E
L 7200 E
L 7300 E
1085128
1085127

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: [illegible]
HOLE No.: [illegible]
Collar Easting: [illegible]
Collar Northing: [illegible]
Collar Elevation: [illegible]
Grid: [illegible]

Collar Inclination: [illegible]
Grid Bearing: [illegible]
Final Depth: [illegible] feet

Logged by: P. Ben
Date: Feb. 8, 1992
Down hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	25.0	(CASING)
25.0	39.5	(GRANITE PEGMATITE) White, fine grained, biotite, foliated at 40-50 to C.A. 25.0 - 27.0 Blocly core.
39.5	59.0	(QUARTZ-BIOTITE SCHIST) Grey, black, fine grained, uniform, quartz-biotite-garnet-feldspar banded.
59.0	62.0	(GRANITE PEGMATITE) Similar to previous.
62.0	86.0	(QUARTZ-BIOTITE SCHIST) Fine grained, uniform, trace garnets 70 - 78.0 .2' granitic pegmatite, white.
86.0	104.0	(QUARTZ-BIOTITE SCHIST) Similar to previous, addition of fine to medium grained feldspar phyric sections; bands to .1', to 70% of sections. Biotite, garnets. Traces muscovite-fragments? Felsic fragmental textures.
104.0	107.6	(GRANITE PEGMATITE)
107.6	119.4	(QUARTZ-BIOTITE-MUSCOVITE SCHIST)
119.4	166.0	(AMPHIBOLITE BANDED) Banding; quartz, biotite, garnets very fine grained hornblende schist, minor epidote-plag lenses +/- po. Traces pyrite no bands. Change to biotite, hornblende banded schist. 133.5 .6'epidote very fine grained quartz "vien". 142.4 - 146.4 Po banding in hornblende-amphibolite, po <5%, trace py. 142.4 - 153.0 Po, epidote lenses, po-quartz, po 60 - fine grained lenses, banding. 142.4 - 143.0 .1' po-quartz band. Po 25%. 146.4 - 146.9 Quartz-po-epidote band. Po 20%. 148.0 - .5' Po in .1' quartz-epidote bands.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	119.40	119.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
119.40	121.20	1.80	5100	87	7	144	TRACE	465	3.43	78
121.20	142.40	21.20	N.S.	N.S.	N.S.	N.S.	NIL	N.S.	N.S.	N.S.
142.40	146.00	3.60	6027	120	5	29	TRACE	N.S.	N.S.	N.S.
146.00	148.60	2.60	6028	213	11	29	TRACE	N.S.	N.S.	N.S.
148.60	152.00	3.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
152.00	153.00	1.00	6029	222	3	41	0.4	N.S.	N.S.	N.S.
153.00	155.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
155.00	157.00	2.00	6030	434	4	40	0.3	N.S.	N.S.	N.S.

HOLE No: CB126

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB126

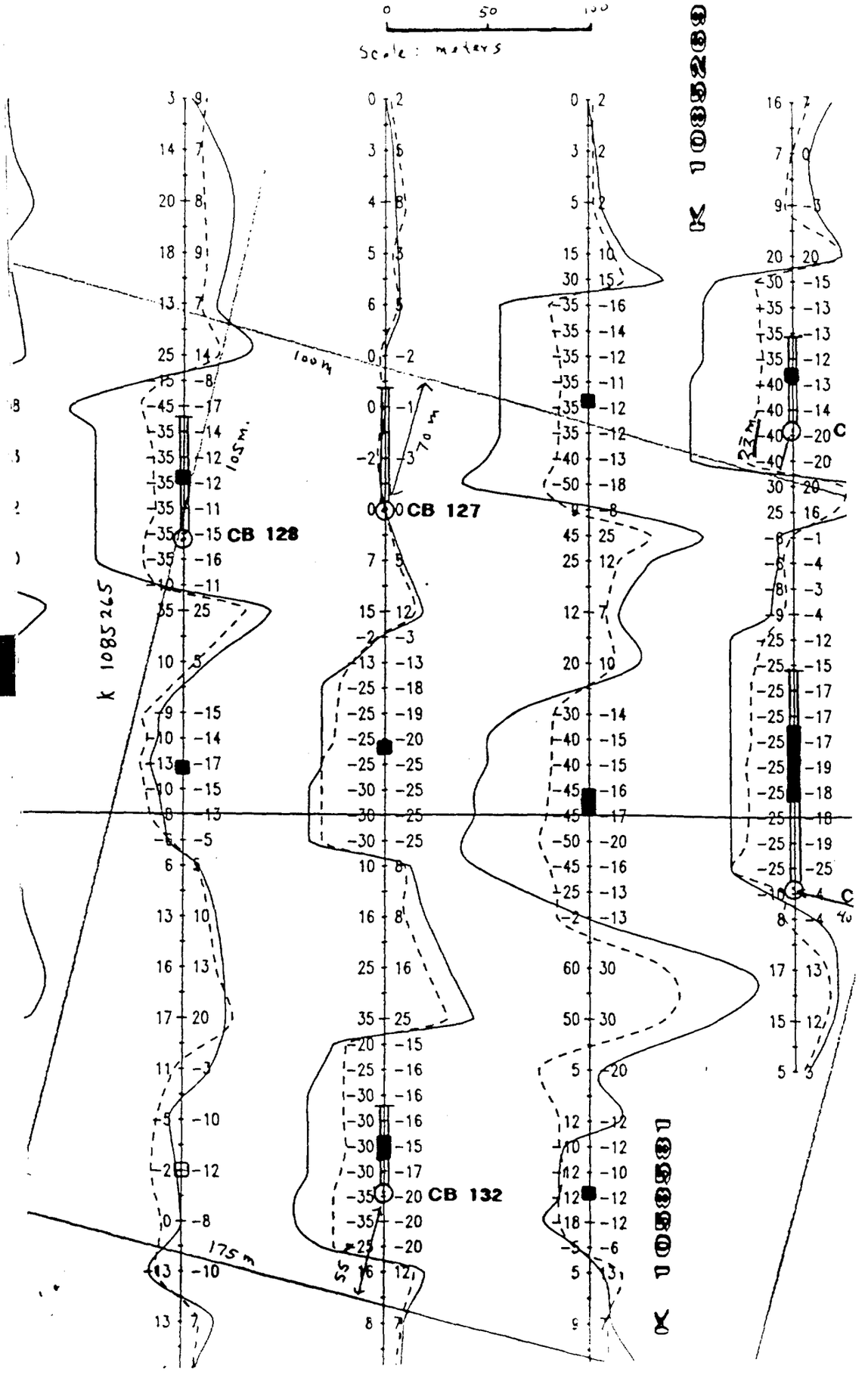
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		152.0 - 153.0 Biotite, garnet; quartz-po fine grained band; .2'.											
		156.0 .2' irregular late py stringer											
		Weak silicified sections to 2'. Biotite-granitized 2' nearest gneissic pegmatite.											
166.0	168.1	(GRANITE PEGMATITE)											
		White, medium grained, biotite margins, biotite disseminated											
168.1	171.0	(BANDED AMPHIBOLITE)											
		As above.											
171.0	172.2	(GRANITE PEGMATITE)											
		As above.											
172.2	185.5	(AMPHIBOLITE BANDED + GRAPHITE-BIOTITE-CHERT SCHIST)	157.00	174.50	17.50	6001	48	13	217	0.1	640	5.13	215
		Minor weakly mineralized section, graphite, pyrite.	174.50	175.50	1.00	6002	264	17	1222	0.7	739	7.24	43
		Minor garnet sections, fine grained, to 20%/.5'.	175.50	176.60	1.10	6003	115	20	253	TRACE	877	6.26	102
		172.2 - 174.0 Silcified, contact with granitic pegmatite,	176.60	181.00	4.40	6004	460	30	5084	1.2	715	9.61	129
		epidote-plag, biotite, hornblende,	181.00	184.00	3.00	6005	347	27	2812	0.8	573	7.45	59
		174.0 - 174.5 Garnet,-biotite-hornblende plag.											
		174.5 - 175.0 Graphite 10% biotite-py 20%, mm bands, cherty											
		175.0 - 177.0 Amphibolite banded.											
		177.0 - .6' Garnet-biotite, py.											
		177.6 - 185.5 Graphite-biotite-chert-py bands <5%, sections po 5-10%, sections cherty top?											
185.5	200.5	(BANDED AMPHIBOLITE)	184.00	186.00	2.00	6006	313	20	1269	1.0	503	7.79	54
		Similar to previous.	186.00	200.50	14.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Biotite, quartz-hornblende, banding. Traces po in epidote-plag-quartz lenses, minor .5' white granite pegmatite.											
200.5	203.0	(QUARTZ-BIOTITE SCHIST + PO-QUARTZ SECTIONS)	200.50	203.00	2.50	6007	142	22	445	0.6	479	7.38	87
		Traces pyrite. Silicified gran'd amphibolite?											
		2 bands cm, .2' quaartz-po,60%, trace zns; quartz-po banded at contact margin 1' gran dike, cherty banded in sections.											
203.0	212.2	(GRANITE PEGMATITE)	203.00	212.20	9.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Pink-white weakly foliated ^70 to C.A., biotite, uniform.											
212.2	222.2	(BANDED AMPHIBOLITE)	212.20	215.80	3.60	6008	90	6	120	0.3	217	4.90	61
		Uniform fine grained green pale colour, hornblende speckled,	215.80	217.00	1.20	N.S.	N.S.	N.S.	NIL	N.S.	N.S.	N.S.	N.S.
		weak biotite banded sections, epidote-plag-quartz cm lenses	217.00	220.50	3.50	6009	25	7	31	TRACE	108	1.88	145
		5%, + Py. Po+quartz cm to .2' bands minor. Gradual change											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB126

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		to unmineralized, biotite banded amphibolite.											
222.2	231.7	(GRANITE PEGMATITE + BANDED AMPHIBOLITE) Biotite banded amphibolite 40%, granite pegmatite 60%.											
231.7	245.0	(AMPHIBOLITE BANDED) Similar to previous. Biotite, quartz, epidote-plag bands, trace po,py in epidote-plag bands. Traces py lower contacts.											
245.0	248.0	(QUARTZ-BIOTITE SCHIST) Granitized; contact margin with granite pegmatite.											
248.0	256.0	(GRANITE PEGMATITE + ASSIMILATED XENOLITHS) Whitish biotite-granite pegmatite with 30% biotite rich xenoliths.											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Scale : meters
CB 128
CB 127
CB 132
K 1085265
K 1085281
K 1085288
100 m
105 m
70 m
175 m
22 m
55

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB127
Collar Eastings: 5000.00
Collar Northings: 150.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 276.00 feet

Logged by: P. Barc
Date: Feb. 12, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	10.7	(CASING)
10.7	114.5	(QTZ-MUSC-SILL-BIO-SCHIST)
		Felsic tuff, rhyolitic and fragmental sections
		speckled greyish-white, mm to cm bands
		components: qtz-feldspar, 5% muscovite, minor biotite,
		plag-phyric sections, sections of whitish streaks of
		sillimanite crystals up to 3 mm length, ammounts vary from
		trace to 15-20% over 1 '
		felsic fragments are fine grained, qtz-bio-musc rich,peeble
		size in very fine grained felsic matrix,
		rock is generally well foliated and banded at 70 to CA,
		overall traces Po and Py
		60.0 - .5' broken core
		97.0 - 104.0 minor Py Po in 3 mm bands
		100.0 - 114.0 Qtz felsic clasts
114.5	229.0	(QTZ-BIOTITE SCHIST)
		Felsic tuff, greyish to greyish speckled with dark biotite
		rich bands varying from trace to 20% biotite in fine mm
		bands, minor Po bands, minor muscovite, 40% of unit contains
		1 to 2' sections of up to 25% weak qtz and plag phyric
		textured sections, traces sillimanite in sections
		114.5 - 140.0 trace Py and up to 2% Po over 5'
		196.0 - 206.0 3 cm width altered bands of qtz-sill-bio- serc
		with traces Po and fine grained garnets,
		196.0 - 206.0 weak feldspar phyric sections
		206.0 - 221.0 gradational to qtz rich schist with lesser
		feldspar and traces sillimanite, 2-3% Po bands, cm lenses
		of qtz with traces Po, generally lighter grey, weak biotite
		banding
		221.0 - 226.0 late qtz bands up to .3'
		226.0 - 229.0 .3' qtz-bio vein with sericite and sillimanite
		weak mylonitic sections with minor Po bands that are
		conductive, gradual decrease in grain size, decrease in
		biotite and increase in qtz content
229.0	233.0	(CHERT & PO-PY)
		greyish with 5% whitish lenticula peeble sized patches or
		clasts,5% disseminated biotite, weakly banded, generally

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	97.00	97.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
97.00	101.40	4.40	6051	103	14	638	0.5	575	4.91	68
101.40	114.00	12.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
114.00	116.00	2.00	6052	34	3	170	TRACE	473	3.58	42
116.00	202.10	86.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
202.10	206.00	3.90	6053	28	22	80	TRACE	389	3.39	50
206.00	211.00	5.00	6054	29	14	70	TRACE	376	3.22	39
211.00	216.00	5.00	6055	50	17	112	TRACE	447	3.73	44
216.00	221.40	5.40	6056	32	12	102	TRACE	448	3.28	38
221.40	226.00	4.60	6057	25	17	69	TRACE	486	2.86	21
226.00	229.00	3.00	6058	46	9	91	0.1	663	3.95	178
229.00	233.00	4.00	6059	85	9	643	0.7	548	4.46	81

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

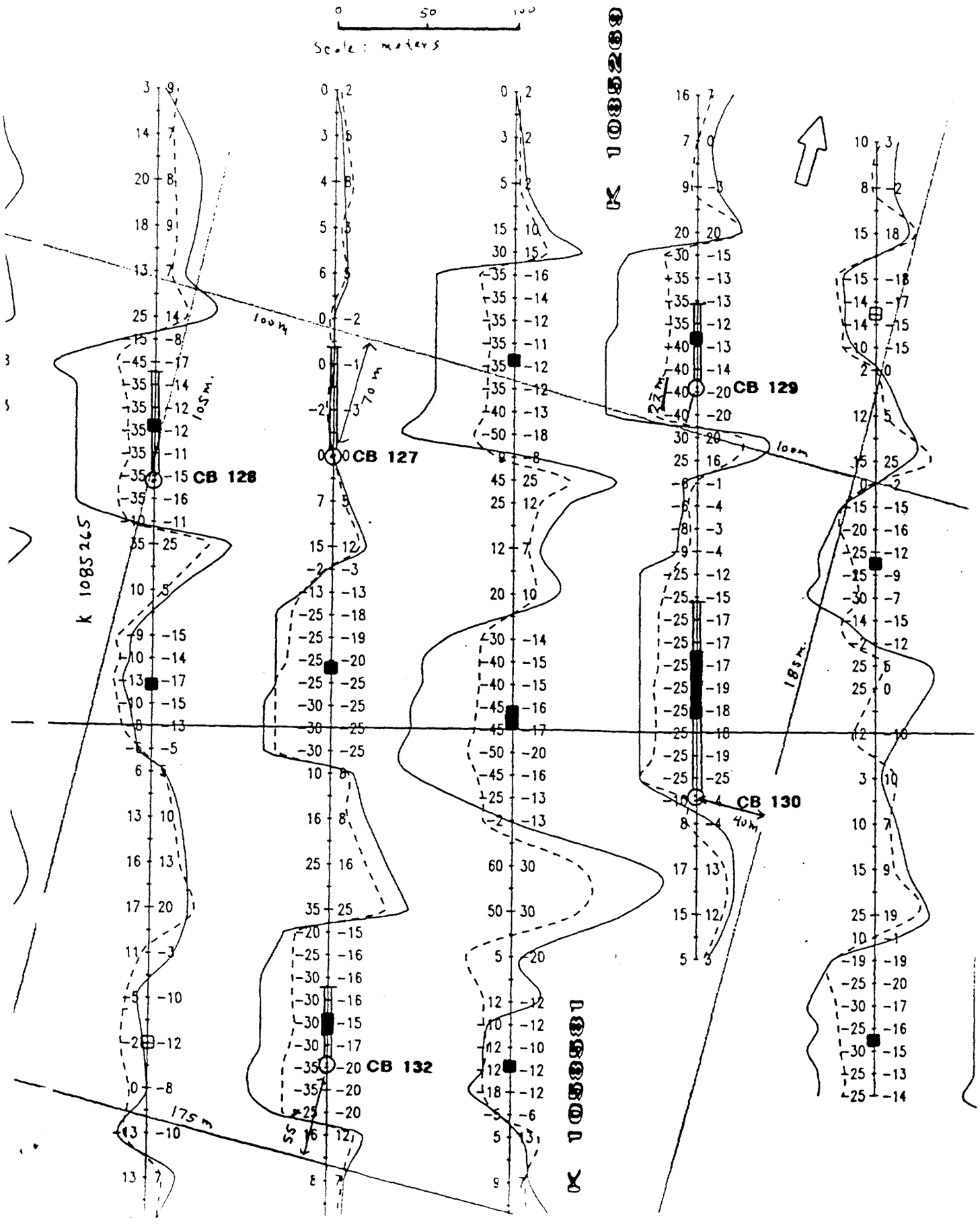
PROPERTY: OneMan Lake
HOLE No.: CB127

FROM	TO	LITHOLOGICAL DESCRIPTION
		very fine grained, sugary texture, 5% oval crystals of muscovite after cordierite Conductor, overall Po>5%, traces Py cm band of 20% Po, with qtz and Py at lower contact, sharp contacts, overall fairly uniform composition and texture
233.0	249.6	(QTZ-BIOTITE SCHIST) Felsic tuff, greyish with fine black bands, clear to white medium grained speckles of sericite and sillimanite, weak feldspar-phyric sections, occassional late, cm wide bands, of qtz-biotite-Po, foliation and banding at 70 toCA 229.0 - 249.6 similar to above, inhomogeneous 5 to 10' sections, finer grained, lighter color 241.5 - 248.0 traces Po, 0 - 5% sillimanite over 1-2'
249.6	258.8	(QTZ-MUSCOVITE-SILLIMANITE SCHIST) weakly mineralized with Po, light greyish color, 5-10% white streaks of sillimanite irregularly distributed, mm to cm in length, occassional sections up to 30% sillimanite, minor biotite, sharp contacts, Conductive Po bands vague fragmental texture, white forms up to cm. across in slightly darker matrix 256.0 - 258.8 10% Po, .5' late vein of Qtz-Sill-Feld- Bio, 15% Po, trace graphite
258.8	276.0	(QTZ-BIOTITE SCHIST) similar to previous section 114.0-229.0 generally 10% biotite with sections up to 30% in narrow mm bands, 30% weak feldspar-phyric sections, 5% graphitic bands near upper contact 258.8 - .3' band of pale green-beige alteration, traces to minor mm bands Po in slightly biotite deficient sections 258.8 - 260.0 biotite, Po, traces graphite

276.0 - E.O.H.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
233.00	241.50	8.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
241.50	246.00	4.50	6060	29	17	87	TRACE	530	3.02	24
246.00	250.00	4.00	6061	32	18	97	0.3	453	3.28	57
250.00	256.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
256.00	258.80	2.80	6062	60	TRACE	544	0.7	454	3.77	15
258.80	261.00	2.20	6063	62	14	139	0.8	804	6.17	17
261.00	266.00	5.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
266.00	268.80	2.80	6064	25	15	78	0.4	567	3.21	12
268.80	273.50	4.70	6065	34	7	77	0.3	468	3.69	17
273.50	276.00	2.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.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CB 129
CB 130
CB 132
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100m
185m
40m
175m
55
K 1085265
K 1085281

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB128
Collar Eastings: 4900.00
Collar Northings: 135.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 206.00 feet

Logged by: P. Barc
Date: Feb. 13, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	10.4	(CASING)
10.4	56.5	(QUARTZ-MUSCOVITE-SILLIMANITE-BIOTITE SCHIST) Rhyolite, fragmental. Quartz, plag, muscovite 5%, sillimanite 5%, biotite. Foliated, weakly banded at 70 to C.A. Uniform, very fine grain greyish schist, white streaks, sillimanite, feldspar phyric, minor biotite bands. Felsic fragments; fine grain grey-white light coloured, slight coarser grain sized than matrix to cm sized. Plag phyric bands 10% of unit. Sillimanite as occassional mm X 3 mm streaks along foliation planes. Traces fine to coarse grain garnets in biotite rich sections Minor Po, trace Py, Sphal. 49.5 - 53.5 - Po 15%, graphite 15%, mm bands, trace pyrite Cherty interbands 51.5 - Trace Sphal. in Po mm bands.
56.5	81.3	(QUARTZ-BIOTITE-MUSCOVITE SCHIST) Felsic tuff. Greyish, black streaks, mm bands. Biotite rich; 15%, mm bands, cm X mm streaks. Weak quartz, feldspar phyric sections; 5-10% quartz, plag medium grain crystals in sections. Trace Po, Py.
81.3	92.0	(CHERT-PO-GRAPHITE SCHIST) Very fine grained, greyish banded chert, Po 30% - mm laminations, cm blebs. Pyrite 10%, fine blebs. Graphite 15%, mm bands inPo rich sections. 86.0 - 90.3 - Felsic fragments 25%, biotite >5%, muscovite 5%, granite 5%
92.0	101.2	(QUARTZ-BIOTITE SCHIST) Felsic tuff Fine grain greyish, medium grained white speckled; quartz phyric. Trace garnets, Po. 96.0 - 101.2 - Po 3% mm bands.

ASSAYS

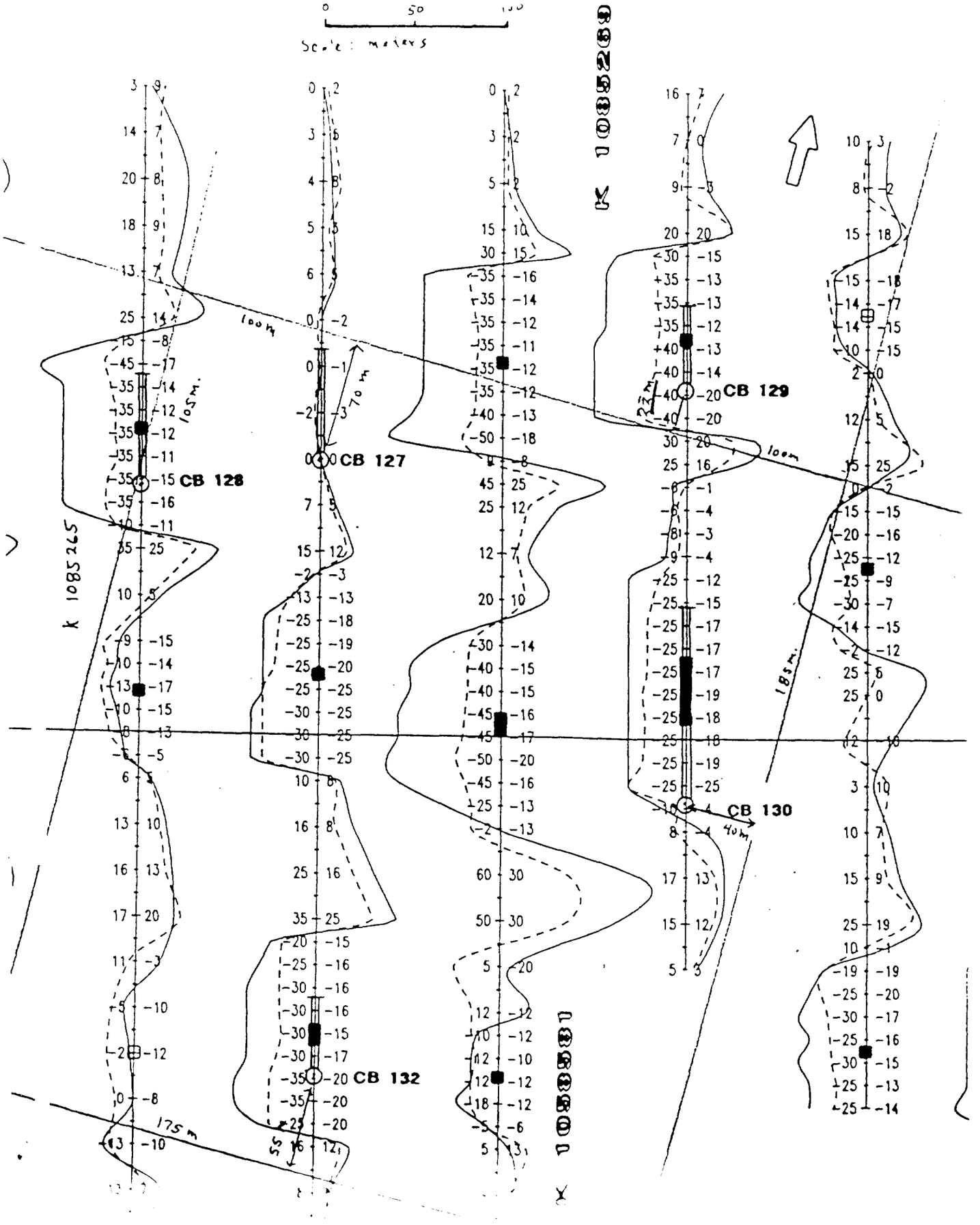
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	48.00	48.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
48.00	49.50	1.50	6077	31	20	173	0.4	432	2.20	41
49.50	52.00	2.50	6078	182	19	1157	0.8	394	8.71	8
52.00	54.00	2.00	6079	107	24	564	0.6	484	6.08	48
54.00	56.50	2.50	6080	41	13	282	0.5	516	3.35	96
56.50	58.00	1.50	6081	27	15	89	0.5	621	3.36	24
58.00	80.80	22.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
80.80	84.00	3.20	6082	161	15	1110	1.5	468	8.12	99
84.00	87.00	3.00	6083	162	23	879	1.4	443	8.19	383
87.00	90.30	3.30	6084	115	14	593	1.1	451	6.42	292
90.30	92.50	2.20	6085	48	17	175	1.1	584	4.33	165
92.50	96.00	3.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
96.00	100.10	4.10	6086	24	18	62	TRACE	478	2.79	22

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB128

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
101.2	106.2	(GRANITE PEGMATITE) Fine grained, whitish pink, aphitic textured.											
106.2	206.0	(QUARTZ-BIOTITE-MUSCOVITE-SILLIMANITE SCHIST) Pale grey coloured, less biotite than previous section; 5% biotite, quartz mm bands, traces Po. Traces muscovite, sillimanite. Occassional feldspar phyric sections. Felsic fragments; 2 cm X 3 mm clasts, 5-10%, to pebble sized. Trace Po, Py. 126.0 - 131.0 - Trace Po, to 5%/1-2' sections. 149.0 - Trace garnets. 206.0 - EOH	100.10	134.00	33.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
			134.00	137.00	3.00	6087	26	15	87	TRACE	453	3.33	42
			137.00	141.00	4.00	6088	33	18	101	TRACE	512	4.16	31
			141.00	206.00	65.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.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CB 128
CB 127
CB 129
CB 130
CB 132
105m.
100m
70 m
23m
100m
185m.
40m
175 m
55
K 1085265
K 1085261

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: Quebec Lake
HOLE No.: CB129
Collar Eastings: 5200.00
Collar Northings: 100.00
Collar Elevation: 0.00
Grid: Grid 1

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 216.00 feet

Logged by: P. Barr
Date: Feb. 14, 1992
Down-hole Survey:

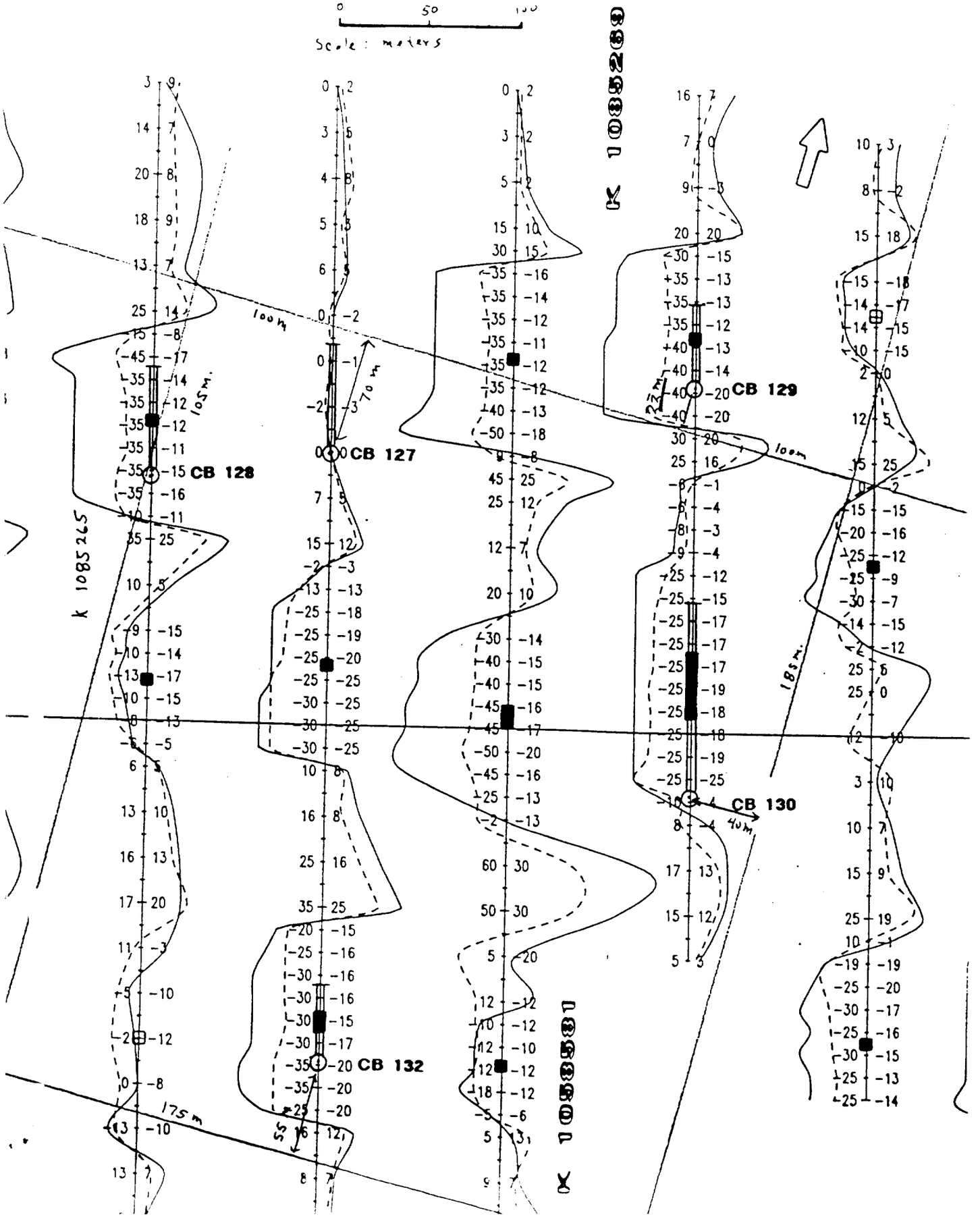
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
0.0	6.0	(CASING)											
6.0	116.0	(QTZ-MUSC-BIO-SILL SCHIST)	0.00	84.00	84.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		felsic, rhyolitic tuff, vague clastic texture high lited	84.00	86.00	2.00	6089	141	5	915	0.8	395	5.71	17
		paler fragment outlines	86.00	104.00	18.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		greyish color with darker streaks biotite - 10%, appr.	104.00	106.20	2.20	6090	48	9	381	0.6	431	3.95	74
		7% speckled with sillimanite and muscovite streaks,	106.20	115.50	9.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		sillimanite occurs as medium grained streaky and oval											
		crystals generally uniformly distributed with occassional											
		sections up to 15%											
		generally well foliated and banded at 70 to CA,											
		6.0 - 36.0 yellowish rusty staining, especially on x-fract.											
		19.0 - traces Po in ca band, tracees garnet											
		6.0 - 31.0 disseminated sillimanite crystals											
		31.0 - 116.0 generally more biotitic, muscovite concentrated											
		in sections, generally slightly finer grained, minor											
		sillimanite, traces fine to medium grained garnets											
		46.0 - 66.0 35%sillimanite rich sections alternating with											
		sillimanite poor sections, 40% qtz, 40% sillimanite, 5-10%											
		biotite, 5% muscovite, trace to 1-2% fine grained garnet											
		66.0 - 81.0 50% sillimanite											
		84.0 - 86.0 trace to 5-10% Po in occassional mm bands											
		85.6 - 86.0 late qtz vein, barren											
		96.0 - 101.0 decrease in grain size to very fine grained,											
		decrease in sillimanite to trace											
		peculiar greyish-black fine grained crystals, possibly qtz											
		on cordierite?											
		105.0 - 106.2 traces Po											
		110.0 - 111.0 white crystals of cordierite and sillimanite											
		traces Po											
		115.0 - 116.0 sharp decrease in grain size, traces Po											
116.0	119.0	(CHERT- PO-GRAPHITE)	115.50	119.00	3.50	6091	159	12	1252	0.9	879	7.14	15
		mineralized, generally 20% Po with bands of 40-50% Po, trace											
		Py, Aspy over .5', 20% graphite											
		trace to 5% disseminated sillimanite crystals, sharp contact											
119.0	126.0	(QTZ-MUSCOVITE SCHIST)	119.00	121.00	2.00	6092	78	5	709	0.6	499	4.89	34
		qtz, feldspar, 5-10% muscovite, 5% biotite, poss. fragmental	121.00	122.20	1.20	6093	102	10	3281	0.8	491	5.37	103
		rhyolite, grey, fine grained, weakly banded, qtz-phyric	122.20	124.50	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB129

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		sections	124.50	126.00	1.50	6094	91	19	830	0.8	810	4.67	70
		121.0 - 122.0 qtz flooded section, late Po, traces ZnS											
		124.5 - 126.0 cherty, weakly banded, Po, minor very fine garnets											
126.0	216.0	(QTZ-BIOTITE SCHIST)	126.00	130.30	4.30	6095	70	35	206	0.8	1000	6.58	73
		felsic tuff, fine grained with fine to medium qtz-phyric sections - 20%, minor muscovite and fine grained pink garnet greyish to grey speckled with 15% biotite bands	130.30	216.00	85.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		126.0 - 128.0 5-10% Po in mm bands											
		128.0 - 130.3 trace Po											
		140.0 .1' late qtz band											
		145.0 - 216.0 5% muscovite, uniform streaky biotite banded sections											
		145.0 - 156.6 granitic pegmatite, white, cm wide assimilated black qtz-biotite xenoliths											
		180.0 - 183.0 .5' late vein, minor green plag.											
		201.0 2 mm qtz bands traces Aspy											
		206.0 - 207.0 late cm wide qtz bands, traces Po											
		216.0 E.O.H.											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CB 130
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K 1085281
K 1085289
100m
105m
70m
22m
100m
185m
40m
175m
55m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB130
Collar Eastings: 5200.00
Collar Northings: -35.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 506.00 feet

Logged by: P. Barc
Date: Feb. 15, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	6.0	(CASING)
6.0	17.5	(AMPHIBOLITE BANDED, GARNETS) Greenish, white, block banded; hornblende, plag, epidote mm banded. Plag-epidote streaky cm bands 15%. Minor granets, disseminated fine to coarse grain, and streaky bands, with biotite, trace Po. Foliated at 50 to C.A.
17.5	18.4	(GRANITE PEGMATITE) Whitish, coarse grain, K-feidspar, biotite
18.4	34.5	(GABBRO) Fine grain, green-black, uniform. Foliated 50 to C.A. Minor fine quartz - mm bands, cross bands, traces Po. 27.7 - 28.0 - Granite pegmatite, coarse grain
34.5	36.1	(GRANITE PEGMATITE)
36.1	37.5	(BIOTITE SCHIST) Assimilated zenolith
37.5	39.0	(GRANITE PEGMATITE) 38.0 Traces Aspy in black hornblende band
39.0	47.2	(AMPHIBOLITE BANDED) Hornblende, epidote-plag, biotite, quartz banded on a mm to cm scale. Trace fine grain garnet landing; 50%/.2'. Trace Po.
47.2	58.0	(AMPHIBOLITE BANDED, GARNETS, MAGNETITE) Garnets; traces to 60%/.4', Po traces in garnet, epidote- plag lenses. Magnetite mm bands, to 20%/.2' concentrated in garnet layers. Minor cherty bands.
58.0	62.3	(AMPHIBOLITE) Finely banded hornblende, epidote, minor late, .2' quartz band.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	47.00	47.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
47.00	48.00	1.00	6096	273	16	43	1.0	721	5.39	60
48.00	51.20	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
51.20	52.20	1.00	6097	298	19	81	0.8	966	5.84	66
52.20	55.00	2.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
55.00	56.00	1.00	6098	165	17	78	0.7	869	5.08	60

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB130

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
62.3	64.3	(AMPHIBOLITE BANDED) Similar to previous, minor biotite, quartz bands. Traces Po to 10% near lower 1.5, Po in epidote bands.											
64.3	66.4	(GRANITE PEGMATITE) Pink, coarse grain to pegmatite, quartz rich centre. Weakly foliated texture. Traces pyrite - late fractures.											
66.4	72.0	(HORNBLENDE-QUARTZ-BIOTITE-PLAG-EPIDOTE SCHIST) Mafic tuff; mm banded, hornblende 50%, to 10%, change to quartz rich, biotite banded schist.											
72.0	129.0	(QUARTZ-BIOTITE SCHIST) Greyish, fine to medium grain, white speckled sections, minor green banding. Speckled sections; plag to 30%/2' sections. Greenish bands - mm-cm epidote rich fragments. Epidote-plag +/- Po cm oval lenses 5-10%/1' sections Traces hornblende banding. 83.1 - 84.5 - Finely fractured, quartz, beige cemented. 72.0 - 116.0 - Feldspar phyric, minor garnet-biotite banding	56.00	129.00	73.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
129.0	133.0	(AMPHIBOLITE BANDED, GARNETS + PO, PY MASSIVE SULFIDE SECTIONS) Po-Py sulfide breccia sections, 3-.2' sections. Po 60%, Minor Py. Po-Py laminated sections. Garnet-hornblende-biotite margins, garnets increase from trace to 60% near sulfide section 129.0 - 130.0 - Py .1', Po .2' 60% sulfide breccia + laminated Po-Py-hornblende. 130.0 - 130.4 - Laminated Po, Py, hornblende, garnet, biotite 131.0 - 131.5 - Garnet, hornblende, biotite, minor Py, Po. 131.5 - 131.6 - sulfide breccia fine grain, Po, chert clasts. 132.1 - 132.5 - Laminated Po, Py. 132.5 - 132.9 - Sulfide breccia, 2-.1' sections Po, Py.	129.00 131.00	131.00 133.00	2.00 2.00	6099 7000	194 371	27 27	87 115	1.1 1.2	1060 1580	15.04 14.41	4 14
133.0	178.5	(AMPHIBOLITE BANDED) Dark green, light green hornblende, plag banded at 70 to C.A. Black, greyish uniform sections. Trace biotite bands. 10% epidote-plag trace Po streaky lenses cm scale. Trace fine to medium grain garnet, to 15%/.5'											
178.5	218.0	(AMPHIBOLITE BANDED, GARNETS) 30% garnetiferous sections, garnet trace to 40%/1' Generally fine grain, greenish, epidote rich amphibolite, epidote-plag lenses, trace Po.	133.00 216.00	216.00 218.00	83.00 2.00	N.S. 7001	N.S. 127	N.S. 14	N.S. 37	N.S. 0.9	N.S. 476	N.S. 3.86	N.S. 32

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB130

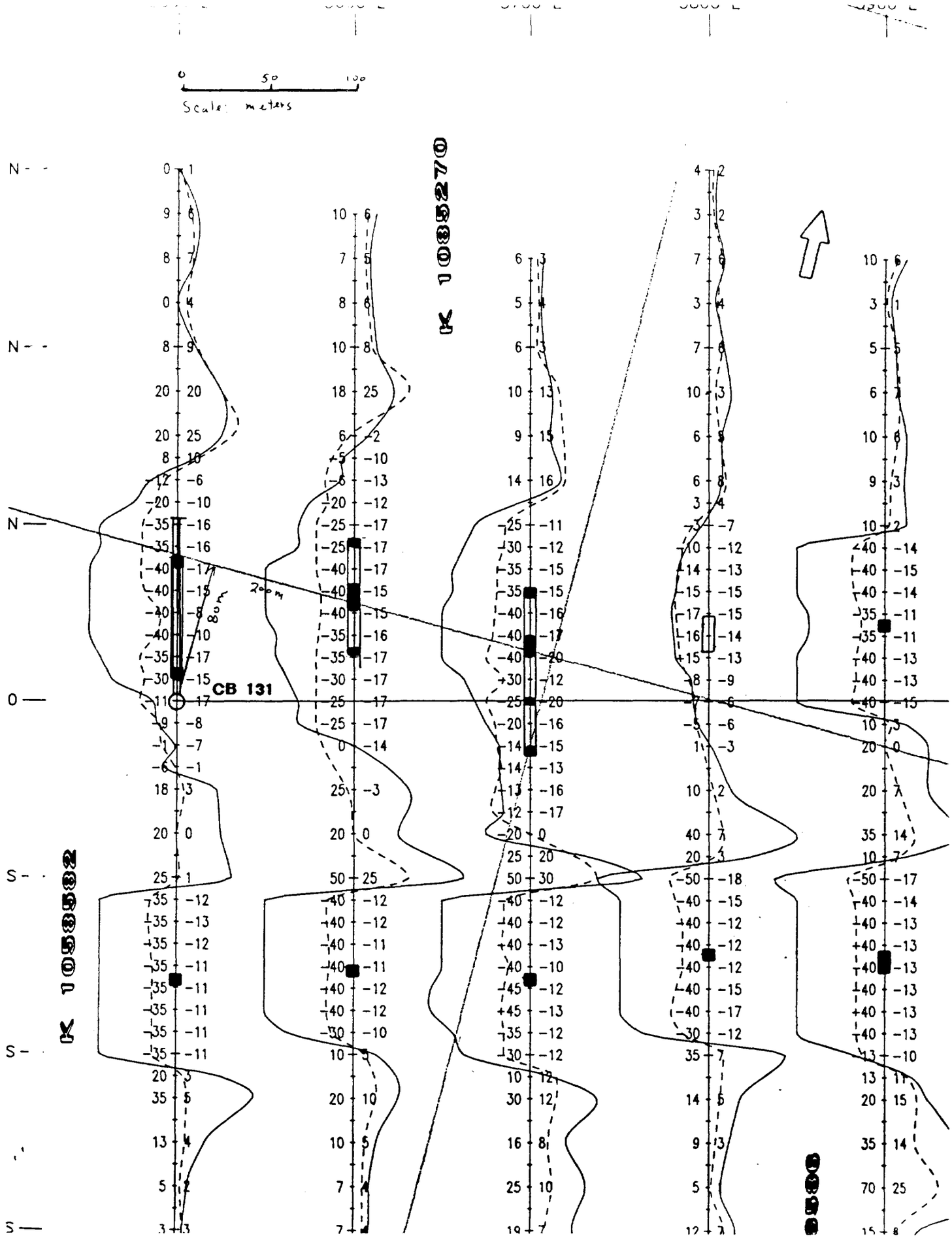
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Cherty bands, traces magnetite in garnet sections.											
		186.0 - 187.0 - Traces magnetite in cherty bands.											
		216.0 - 218.0 - Magnetite traces cm bands.											
218.0	234.3	(CHERT + PO-PY SECTIONS)	218.00	220.00	2.00	7002	85	29	87	1.3	821	10.02	12
		Chert, greyish, orange weakly banded, biotite, Po 10%,	220.00	224.00	4.00	7003	23	10	126	0.3	534	3.99	12
		minor pyrite. Po, Py ins ections along top, lower margins,	224.00	227.50	3.50	7004	45	18	151	0.3	571	6.07	TRACE
		Py to 35%/1.5'.	227.50	229.60	2.10	7005	33	11	137	0.5	504	5.15	16
		Foliated 30 to C.A., contorted foliation 1' nearest margin	229.60	234.30	4.70	7006	118	19	183	0.6	814	14.03	6
		218.0 - 219.0 - Contorted foliation, weakly brecciated,											
		Py 25%, Po 15% cemented											
		229.7 - 233.0 - Py massive sulfide; 2X5', 1', Py 35%, Po 20%											
		233.0 - 234.3 - Cherty contorted bands, hornblende bands,											
		Po bands, disseminated 35%.											
234.3	298.8	(AMPHIBOLITE BANDED, GARNETS)	234.30	237.00	2.70	7007	79	14	90	1.3	982	6.55	40
		Similar to previous	237.00	256.50	19.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Fine grain garnets 10% of sections, 1-2', garnet to 50%.	256.50	259.00	2.50	7008	107	6	38	0.4	807	4.11	55
		Traces magnetite.	259.00	298.00	39.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		234.3 - 236.0 - Trace Po, silicified											
		236.0 - 242.0 - Quartz fine cross fracturing, weak											
		brecciated amphibolite contorted foliation.											
		256.6 - 259.0 - Garnet 50%, hornblende, chert, magnetite,											
		Po, Py trace.											
		298.8 - Garnet banding.											
298.8	340.4	(FELSIC TUFF)	298.00	300.00	2.00	7009	41	12	73	0.2	493	3.36	34
		Quartz-plag-biotite schist.	300.00	302.00	2.00	7010	120	14	109	0.9	459	5.93	26
		Fine grain, greyish, black-biotite speckled, mm banded	302.00	313.00	11.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		biotite 5%, traces fine grain garnet	313.00	316.00	3.00	7011	28	11	94	0.1	378	2.70	25
		Trace Po, Py, Aspy.	316.00	322.00	6.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		298.8 - 310.0 - Fractured, Py-quartz surgary coatings.	322.00	325.00	3.00	7012	26	17	173	TRACE	373	2.70	34
		300.0 - Late quartz - Py 3' vien	325.00	330.00	5.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		313.0 - 315.2 - Late quartz vien, 31.5', Po traces	330.00	332.00	2.00	7013	39	18	228	0.1	392	3.00	50
		322.0 - 325.0 - Cherty, traces graphite.	332.00	339.50	7.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		330.0 - 332.0 - Orange-cherty banded, finely fractured,											
		trace Po, graphite.											
340.4	416.6	(RHYOLITE)	339.50	342.00	2.50	7014	24	12	91	TRACE	452	2.53	34
		Chill. margin, sharp contact, gradual increased grain size	342.00	345.00	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		very fine grain to fine grain. Greyish, black, pale bands.	345.00	346.00	1.00	7015	83	36	567	0.3	802	5.45	103
		Massive bands, sections 5-10% muscovite.	346.00	347.50	1.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Quartz banding mm scale, cross bands. Fractured, blocky core	347.50	349.00	1.50	7016	60	25	212	0.5	282	2.25	66
		near 340.4'											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB130

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Weak feldspar, phyric sections, traces garnets. Po, graphite Minor cherty, orange, very fine grain sections, Py, graphite 345.0 - 346.0 - Chert, orange, trace Py, graphite 347.5 - 348.0 - Chert, trace Py, graphite. 353.0 - Quartz vien .5' 403.0 - 416.0 - Traces sillimanite.											
416.6	478.0	(FELSIC TUFF) Sharp contact. Weak fragmental textured sections. Greyish, fine grain, quartz-plag-muscovite 5-10%, biotite 5-10%, trace garnets. Block speckled , biotite, mm banded sections. Sillimanite - disseminated laths, traces Weakly Po mineralized section. 443.2 - Garnet cm lense fragment. 444.5 - 447.0 - Po, fine grain disseminated 10% + .3' Po sulfide breccia section, cherty angular pebbles. 461.0 - Epidote-quartz-garnet, trace biotite - fragments 3 cm X cm fine grain garnet-quartz-edidote mm bands, plag, quartz, in very fine grain felsic tuff.	349.00 444.50	444.50 447.30	95.50 2.80	N.S. 70:7	N.S. 146	N.S. 23	N.S. 788	N.S. 0.9	N.S. 458	N.S. 7.04	N.S. 66
478.0	506.0	(FELSIC TUFF - BRECCIA) Uniform, very fine grain felsic tuff, biotite speckled, weak quartz biotite 15% banded. Felsic-fragments in oval lenses, to .1/ muscovite 10%. Fragments lighter coloured, slight coarser grain size. Muscovite as patchey cm porphyrobiasts. Gradational from tuff-breccia to fine grain uniform tuff, no fragments, quartz-biotite-muscovite mm banded. 478.0 - 501.0 - Gradual decrease in fragment size, abundancy. 501.0 - 506.0 - Quartz-biotite-muscovite felsic tuff. 506.0 - EOH	447.30	506.00	58.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.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CB 131
K 1085270
K 1085582

CHAR N BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB131
Collar Eastings: 5500.00
Collar Northings: 0.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 486.00 feet

Logged by: P. Barc
Date: Feb. 16-19, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	12.5	(CASING)
12.5	18.5	(AMPHIBOLITE BANDED) Pale grey-green to green-black, mm banded; hornblende-epidote-plag-chert banded. Minor epidote-plag-quartz cm bands.
18.0	20.0	(AMPHIBOLITE BANDED, GARNET, MAGNETITE) Fine grain garnet 35%, bands with minor magnetite Epidote-plag banding, minor biotite banding
20.0	61.5	(FELSIC PORPHYRY) .5' chill. margin at 20' Greyish black biotite banded 15%, white speckled; plag phyric, 25%. *Gradual increase in grain size, matrix, feldspar porphyro-* blasts. Well foliated, banded at 70 to C.A. 20.0 - 36.0 - Epidote rich cm lenses - fragments 10%.
61.5	63.4	(AMPHIBOLITE BANDED, GARNETS) Hornblende, quartz bands, minor epidote-plag banding, traces very fine grain garnets at contacts.
63.4	64.3	(PO-SULFIDE BRECCIA) Po 80%, cherty very fine grain grains; clasts 20%, Occassional pebble sized clasts. Py 40%/.1' at lower contact.
64.3	171.5	(AMPHIBOLITE BANDED GARNET, CHERT, PO) Fine grain garnet banded sections, to 15%/10'. Narrow sections to 60%. 15% cherty, Po, Py banding, to .6'. Po also in garnet rich sections, traces magnetite. Cm epidote-plag-quartz banding 15% 82.0 - 82.6 - Po-Py-chert band; massive sulfide; Po 30%, Py 30%/.2' in weakly brecciated fine grain garnetiferous sections. 113.0 - 123.0 - Traces magnetite, Po in garnet sections; garnet 40% fine to medium grain streaky bands. 123.0 - 143.5 - Cherty bands in amphibolite

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	18.30	18.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
18.30	20.00	1.70	7032	41	16	78	0.1	944	4.19	41
20.00	21.80	1.80	7033	31	15	65	TRACE	497	2.40	44
21.80	63.00	41.20	N.S.	N.S.	NIL	N.S.	N.S.	N.S.	N.S.	N.S.
63.00	64.30	1.30	7034	479	8	60	0.7	583	10.19	5
64.30	67.00	2.70	7035	75	3	26	0.1	178	2.53	27
67.00	82.00	15.00	N.S.	N.S.	NIL	N.S.	N.S.	N.S.	N.S.	N.S.
82.00	83.00	1.00	7036	1555	17	53	1.0	929	8.36	58
83.00	113.00	30.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
113.00	116.00	3.00	7037	150	TRACE	30	0.2	781	3.50	56
116.00	121.00	5.00	7038	107	8	26	0.3	750	2.56	24
121.00	123.00	2.00	7039	91	TRACE	34	0.4	788	3.19	44
123.00	141.50	18.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
141.50	146.00	4.50	7040	98	12	123	0.8	638	7.08	65
146.00	148.50	2.50	7041	123	14	47	0.6	581	4.26	72
148.50	151.50	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
151.50	156.00	4.50	7042	116	TRACE	38	0.1	865	4.90	80

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB131

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		143.5 - 148.3 - Garnet, coarse grain, fine grain 60%,	156.00	163.50	7.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		trace magnetite, Po cm bands.	163.50	168.30	4.80	7043	124	7	44	0.5	780	4.70	95
		163.0 - 171.5 - Fine to medium grain garnet to 60%, cherty	168.30	171.50	3.20	7044	130	6	61	0.4	327	2.98	50
		bands, traces magnetite.											
171.5	174.0	(HORNBLENDE-EPIDOTE-MAGNETITE-PO SCHIST)	171.50	174.00	2.50	7045	92	8	82	0.5	2250	9.93	262
		Magnetite 25%, traces Po, garnets, finely banded											
		Magnetite banding in amphibolite.											
174.0	226.0	(AMPHIBOLITE BANDED, GARNETS, MAGNETITE)	174.00	177.00	3.00	7046	91	7	30	0.2	677	3.03	61
		Pale green hornblende, plag, epidote-quartz cm bands.	177.00	181.00	4.00	7047	81	5	30	0.3	668	2.31	31
		10% cherty grey-black bands, in garnet rich sections,	181.00	186.00	5.00	7048	65	8	34	0.5	931	3.69	59
		magnetite 5%.	186.00	191.00	5.00	7049	108	11	42	0.5	735	2.96	55
		Garnets; 60% of unit as mm to 1' to 6' banded sections,	191.00	196.00	5.00	7050	75	TRACE	32	0.2	699	2.51	30
		fine grain, minor coarse grain bands.	196.00	200.00	4.00	7051	102	13	34	TRACE	948	3.18	45
		Occassional biotite bands in cherty sections.	200.00	215.50	15.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		174.0 - 222.5 - Irregularily distributed sections to	215.50	220.00	4.50	7052	131	4	37	0.3	770	3.91	34
		6' garnet-hornblende-chert-magnetite with hornblende-	220.00	222.50	2.50	7053	117	7	62	0.5	1060	5.95	52
		plag-epidote schist.	222.50	226.00	3.50	7054	66	5	32	0.7	396	3.02	44
226.0	232.8	(AMPHIBOLITE BANDED)	226.00	230.00	4.00	7055	31	10	43	0.7	425	4.34	28
		Minor garnet bands, epidote-plag-quartz cm bands.	230.00	232.80	2.80	7056	109	10	39	0.4	546	2.98	54
		Traces Po, Py to 20%/.5'											
		230.5 - 231.0 - Po 40%, cement in brecciated amphibolite,											
		traces garnets.											
		231.0 - 232.8 - Po 5%.											
232.8	234.7	(PO-PY SULFIDE BRECCIA)											
		Total sulfide 60%, sulfide breccia + Po, Py mm bands in											
		hornblende-amphibolite											
		Po, Py sulfide breccia with cherty clasts, to pebble size.											
		Sulfide breccia sections in weakly brecciated hornblende-											
		quartz-biotite schist.											
234.7	239.2	(RHYOLITE)	232.80	235.00	2.20	7057	278	25	174	1.4	686	16.74	21
		Chill. margin at contact 239.2, gradual increase to fine											
		grain sized.											
		Quartz-feldspar-muscovite schist, trace fine grain garnet.											
		Greyish, weak white speckled, muscovite banded, Muscovite 10%											
		Traces Po in epidote-plag cm lenses; fragments.											
239.2	250.0	(FEELSIC TUFF)											
		Biotite 10%, muscovite 5%											
		5% pale green bands to cm size quartz-epidote.											

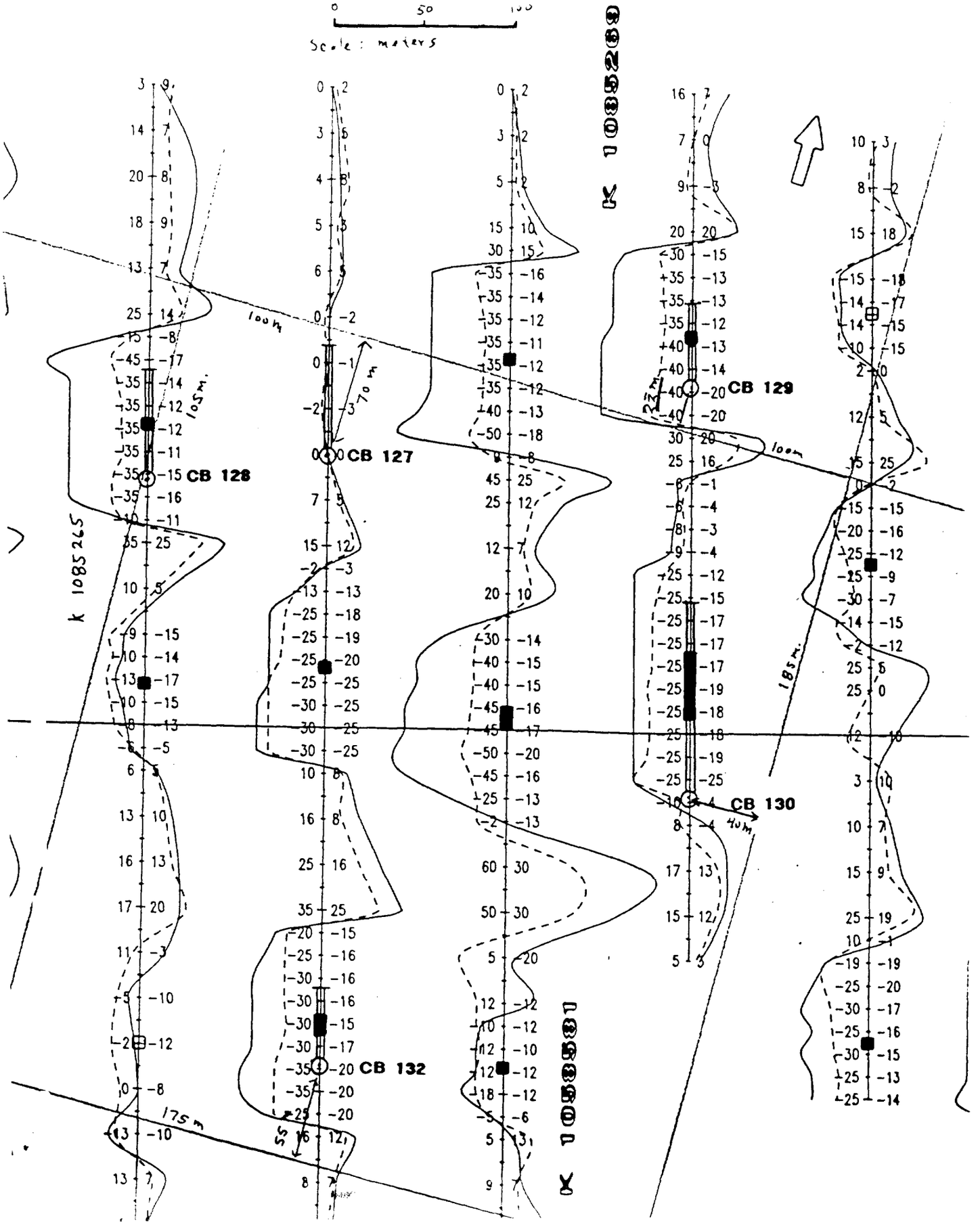
CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB131

FROM	TO	LITHOLOGICAL DESCRIPTION
250.0	285.0	(RHYOLITE)
		Greyish, muscovite rich; i5%, sections minor muscovite
		Black, very fine grain cherty mm banding in sections.
		253.7 - 254.5 - Orange hematite banded, traces Py, graphite black banded; cherty. Chill. margin; contact.
		283.5 - Py 5%, graphite traces. Cherty orange banded section.
285.0	486.0	(FELSIC TUFF)
		Inhomogenous unit. Felsic fragments in sections.
		Grey, black banded, whitish, grey, quartz, plag, speckled
		Quartz-plag-biotite i0%, muscovite 3% schist. Biotite banded speckled. Finely banded at 70 to C.A.
		Occassional garnet-epidote-biotite banding
		Total fine grain garnet 8%
		No visible sulfide.
		316.0 - Traces sillimanite.
		316.0 - 324.0 - Granite pegmatite.
		341.0 - 20% fragments; ovai, to cm sized, felsic, fine grain very fine grain matrix.
		348.0 - 351.0 - CONDUCTOR - cherty band i'.
		Po 3% mm bands, in .5' section granitic fine grain band.
		Po i0%, disseminated, mm bands, in cherty bands, trace pyrite. Traces cordierite, muscovite after cordierite.
		486.0 - EOH

ASSAYS										
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
235.00	253.70	i8.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
253.70	255.00	i.30	7059	32	9	83	0.8	354	2.69	33
255.00	283.00	28.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
283.00	285.00	2.00	7058	63	i4	ii7	0.5	405	2.72	63
285.00	348.00	63.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
348.00	351.00	3.00	7060	3i4	33	2288	i.2	539	3.75	89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Scale : meters
CB 128
CB 127
CB 129
CB 130
CB 132
105m.
100m
70m
23m
100m
185m.
40m
175m
55
K 1085265
K 1085281

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB132
Collar Eastings: 5000.00
Collar Northings: -185.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 206.00 feet

Logged by: P. Barc
Date: Feb. 20, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	7.0	(CASING)
7.0	43.0	(AMPHIBOLITE BANDED, GARNETS) Pale, greenish, fine grain to very fine grain. 30% mm banding; plag-hornblende-epidote, biotite bands 5%. 10% epidote-plag lenses, streaky bands to 2cm width. Minor very fine grain silicious sections; .3' bands, greyish biotite, sericite, sillimanite. Generally well foliated at 60 to C.A. 20.0 - 43.0 - Garnetiferous sections, + biotite, quartz, sericite sections, garnets fine to medium grain, to 40%/7'
43.0	76.0	(AMPHIBOLITE BANDED) Greenish black, hornblende-plag-biotite-quartz banded schist, with minor streaky epidote-plag banding. Occassional whitish mm quartz viens, minor .5' garnet-fine grain biotite banded sections, garnet to 40%/.5' 43.0 - 53.0 - Quartz, biotite banding 50% 54.0 - Rusty cross fractures, traces serpentine.
76.0	122.7	(AMPHIBOLITE BANDED, GARNETIFEROUS MAGNETITE) Greenish grey banded; hornblende-epidote banding 10%, cherty banding. Garnet bands in epidote rich sections; fine grain, to medium grain, to 40%/1-2'. Traces magnetite in garnetiferous sections, increased to 10%/20'. trace Po, Py. Minor biotite banding, traces Po in epidote bands, Py. 89.0 - 91.0 - Cherty, trace Po, Py. 102.0 - 122.4 - Garnets, cherty, epidote, magnetite 10% - mm to 3 mm bands.
122.7	124.0	(CHERT-GARNET SCHIST) Garnet fine grain, very fine grain 20% trace biotite Greyish, pink speckled chert. .2' epidote band.
124.0	135.5	(PO-SULFIDE BRECCIA + CHERT SECTIONS) 2 - 2' Po 70%, Py sulfide breccia sections, with cherty clasts, angular chert banded clasts.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	78.00	78.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
78.00	82.80	4.80	7097	154	17	29	TRACE	494	1.87	41
82.80	86.00	3.20	7098	94	11	30	TRACE	633	3.28	26
86.00	89.00	3.00	7099	117	17	20	TRACE	549	2.18	28
89.00	93.00	4.00	6200	99	13	29	TRACE	467	1.90	47
93.00	97.00	4.00	6201	121	14	31	0.1	689	3.66	31
97.00	102.00	5.00	6202	130	9	35	0.1	766	3.78	23
102.00	106.00	4.00	6203	129	8	28	TRACE	608	2.71	20
106.00	110.00	4.00	6204	100	6	23	TRACE	473	2.37	27
110.00	114.00	4.00	6205	99	12	29	0.1	603	3.20	15
114.00	118.00	4.00	6206	119	10	34	TRACE	906	3.79	18
118.00	122.40	4.40	6207	113	18	37	TRACE	759	7.16	25
122.40	124.00	1.60	6208	49	16	116	0.4	919	8.39	109
124.00	126.00	2.00	6209	187	41	365	1.6	6600	20.64	73
126.00	128.10	2.10	6210	215	51	148	2.0	2580	23.76	23
128.10	129.10	1.00	6211	124	27	84	0.1	403	12.61	59

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB132

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Sulfide breccia sections in chert banded schist, brecciated,	129.10	132.50	3.40	6212	84	18	87	TRACE	786	8.40	133
		Po minor garnetiferous sections; to 20%/1' - in cherty bands.	132.50	135.50	3.00	6213	61	17	69	0.2	842	5.12	107
		Minor Py banding. Traces graphite											
		128.0 - 129.0 - Chert brecciated, banded, Py, Po 20%, trace Cpy.											
		129.0 - 130.1 - Chert + very fine grain garnet 20% trace Sphal.											
		130.1 - 132.5 - chert, biotite, epidote banded. Minor Py.											
		132.5 - 135.5 - silicified, pyrite											
135.5	179.4	(QUARTZ-CORDIERITE-BIOTITE BANDED SCHIST)	135.50	138.00	2.50	6214	30	15	65	0.1	660	4.04	83
		Finely banded, fine grain quartz in bands 50%, greyish	138.00	140.00	2.00	6215	124	31	104	0.7	913	5.84	94
		Blackish biotite 30%, cordierite, garnet schist bands 50%	140.00	179.00	39.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		135.5 - 140.0 - Contorted foliation, brecciated sections, black coatings, serpentine											
		138.0 - 140.0 - Quartz rich, fragments; milky quartz + epidote-Po cm lenses mafic fragments.											
179.4	183.5	(AMPHIBOLITE BANDED)	179.00	182.50	3.50	6216	164	16	28	0.5	230	2.41	38
		Fine streaky green-white epidote-plag bands 20% in epidote-plag bands 20% in epidote rich.											
		Amphibolite. Traces Po.											
183.5	206.0	(QUARTZ-CORDIERITE-BIOTITE SCHIST)	182.50	206.00	23.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous. Gradation to increase greyish											
		Quartz rich laminations											
		206.0 - EOH											

K 10852261
K 10852265
CB 134
CB 133
130m
190m
103m
35m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: [illegible]
HOLE No: CB133
Collar Northing: 5.00
Collar Elevation: 0.00
Grid: Grid 1

Collar Inclination: -45.00
Grid Bearing: 0.00
Total Depth: 206.00 feet

Logged By: [illegible]
Date: Feb. 20, 1984
Downhole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
0.0	7.0	(CASING)											
7.0	15.2	(FELSIC TUFF) plag and qtz phyric, greyish with dark biotite bands, white fine to coarse disseminated crystals of qtz and plag, inhomogeneous banding, fine grained grey-black with speckled patches, possible coarser fragments, mm to cm.across foliated at 70 to CA, minor disseminated fine sulfides, minor fine qtz filled fractures											
15.2	19.3	(AMPHIBOLITE-BANDED) sharp contacts, minor interbanded fine felsic material											
19.3	30.2	(FELSIC TUFF) similar to above, darker color due to increase in biotite content, 2' section of fine qtz filled fractures											
30.2	35.6	(AMPHIBOLITE-BANDED) similar to before											
35.6	57.6	(FELSIC TUFF) intercalated phyric and fine grained banded sections, fragmental, traces Py											
57.6	110.8	(AMPHIBOLITE-BANDED) greyish, increased qtz and biotite, finely banded 91.0 - 110.8 3 - .5' bands with 5-10% garnets, epidote and hornblende, blocky, fractured, fracture surfaces coated with Py and with clayey mineral											
110.8	112.8	(FELSIC TUFF) greyish with very fine dark biotitic bands, minor garnets at 110.8											
112.8	121.0	(AMPHIBOLITE-BANDED) well banded epidote-plag-qtz-biotite with minor fine bands Po-Py	0.00	119.00	119.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
			119.00	121.00	2.00	6245	72	7	30	0.7	456	4.35	25
121.0	131.2	(MASSIVE PO-PY) uniform massive sulfide breccia, 50% euhedral fine to coarse	121.00	123.00	2.00	6246	98	32	542	1.4	382	19.02	113
			123.00	125.00	2.00	6247	97	47	465	1.6	280	23.15	168

HOLE No: CB133

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB133

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Py in 20% fine Po matrix, scattered cherty qtz fragments	125.00	128.00	3.00	6248	116	51	522	1.8	248	24.12	174
		121.0 - 121.4 qtz flooded, 30% PO-Py, 1-2% ZnS biebs											
		Po>Py down hole, decrease in sulfides to 50% and correspond-											
		ing increase in clasts, foliated at 50-60 to CA											
131.2	136.5	(CHERT-PO-PY INTERBANDED)	128.00	131.30	3.30	6249	148	39	357	1.6	270	21.07	136
		banded chert, 5% biotite 10% Po-Py with weak to well	131.30	134.50	3.20	6250	136	30	172	1.1	398	12.50	40
		developed massive sulfide breccia sections, late qtz flooded	134.50	136.50	2.00	6251	149	18	339	0.8	591	10.91	21
		sections											
		131.0 - 132.0 greyish chert with minor orange granitic											
		alteration											
		132.0 - 133.0 30% PO											
		contorted foliation at lower contact											
136.5	148.0	(AMPHIBOLITE-BANDED)	136.50	138.00	1.50	6252	71	3	73	1.0	612	5.45	24
		very fine mm to 3 mm bands epidote-plagioclase	138.00	147.00	9.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		142.0 - 148.0 fine qtz filled x-fractures											
		146.0 - 148.0 biotite bands, 10% garnets over .5',											
		10% Py and biotite at contact											
148.0	155.5	(FELSIC TUFF)	147.00	149.00	2.00	6253	34	8	117	1.0	669	5.88	25
		qtz-plag-biotite, 10% biotite disseminated and fine dark	149.00	155.50	6.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		bands, minor fine garnets, traces Py											
155.5	156.8	(BANDED CHERT & PY)											
		greyish chert with 40% Py and a greenish clayey mineral											
		decrease in Py to 10% down section											
156.8	206.0	(RHYOLITE)	155.50	157.00	1.50	6254	58	21	779	0.6	467	8.61	29
		greyish with orange bands, minor muscovite and biotite in	157.00	159.00	2.00	6255	19	8	143	0.6	512	4.14	27
		fine bands, 5-10% Py, gradual increase in biotite down	159.00	163.80	4.80	6256	17	17	103	0.1	307	3.16	118
		section, weakly plag-phyric	163.80	171.00	7.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		156.8 - 163.0 cherty sections with Py banding	171.00	176.00	5.00	6257	26	32	94	0.3	211	4.48	59
		171.6 - 174.5 increase in Py to 30% down section, Py occurs	176.00	180.20	4.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		as fine disseminated streaks along foliation and remobilized	180.20	183.00	2.80	6258	17	10	64	0.3	213	2.23	40
		vuggy sections	183.00	199.50	16.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		169.0 - 182.0 felsic tuff, biotite rich, minor muscovite	199.50	201.60	2.10	6259	90	11	240	0.5	373	2.89	141
		traces garnet, uniform	201.60	206.00	4.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		182.0 - 206.0 very fine grained, grey with orange hematite											
		stained bands, fine beige sericite bands, minor x-fractures											
		180.0 - 183.0 traces Py											
		199.0 - 204.0 very fine grained, hematite stained, muscovite											
		bands, 2' 5% Py, jasper appearance											
		gradation to fine to medium grained qtz-feldspar-biotite-											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB133

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		muscovite schist											
		206.0 E.O.H.											

K 1085261
K 1085265
CB 134
CB 133
103m
190m
130m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB134
Collar Eastings: 4400.00
Collar Northings: 140.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 226.00 feet

Logged by: P. Barr
Date: Feb. 21, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	14.0	(CASING)
14.0	106.0	(FELSIC TUFF-BRICCIA) Muscovite/sericite-sillimanite sections. Finely grey-beige banded near top. Poss. rhyolite. 10% muscovite rich, banding, biotite gradational to grey black banded, speckled biotite rich felsic tuff biotite 10% Weak plag quartz phyric textured: fine to coarse grained disseminated plag, quartz crystals in fine grained quartz-feldspar-biotite matrix. Traces garnets, banded, foliated at 70-80 to C.A. 14.0 - 26.0 Muscovite rich, grey banded, beige, weak fragment texture; fine grained cm lenses quartz+garnet. Traces to 5% to 16'. 26.0' - felsic tuff, biotite+muscovite, speckled white sections muscovite 5-10%. 46.0 - Biotite decreased, absence of phyric plag. Uniform fine grained quartz-feldspar-biotite. 61.0 - 71.0 Traces sillimanite; fine grained mm X cm lathe to 25% at 66.67'. sericite. 61.0 - 106.6 White grey, biotite speckled black banded tuff biotite 5-10%, sections muscovite 5-10%. Trace sillimanite. Traces garnet. 20-30% mm X cm lite coloured patches; sericite rich patches; felsic homolithic fragments oval shaped streaks. 100.4 - 101.0 Beige banded sericite alteration, + cm quartz-epidote-garnet; po bands. 102.0 - 102.5 Plag-epidote lense band; mafic fragment.
106.0	107.5	(FELSIC TUFF + CHERTY-PO, PY, GRAPHITE BANDING) Greyish felsic-biotite-tuff muscovite, cordierite with addition of fine pi, py banding, cross bands in weakly brecciated schist. Total po + py 30% as mm bands + mm X cm streaks graphite; traces to ~20%/.1'. Grey-black sulfide banded schist.
107.5	226.0	(FELSIC TUFF - BRECCIA) Grey, black banded. Grey, white; quartz rich, plag bearing sections fine to very fine grained, generally quartz-biotite-plag-garnet schist. Finely biotite banded. Biotite rich, to 30%/5-10' sections. Banded, foliated at 70 to C.A.

ASSAYS

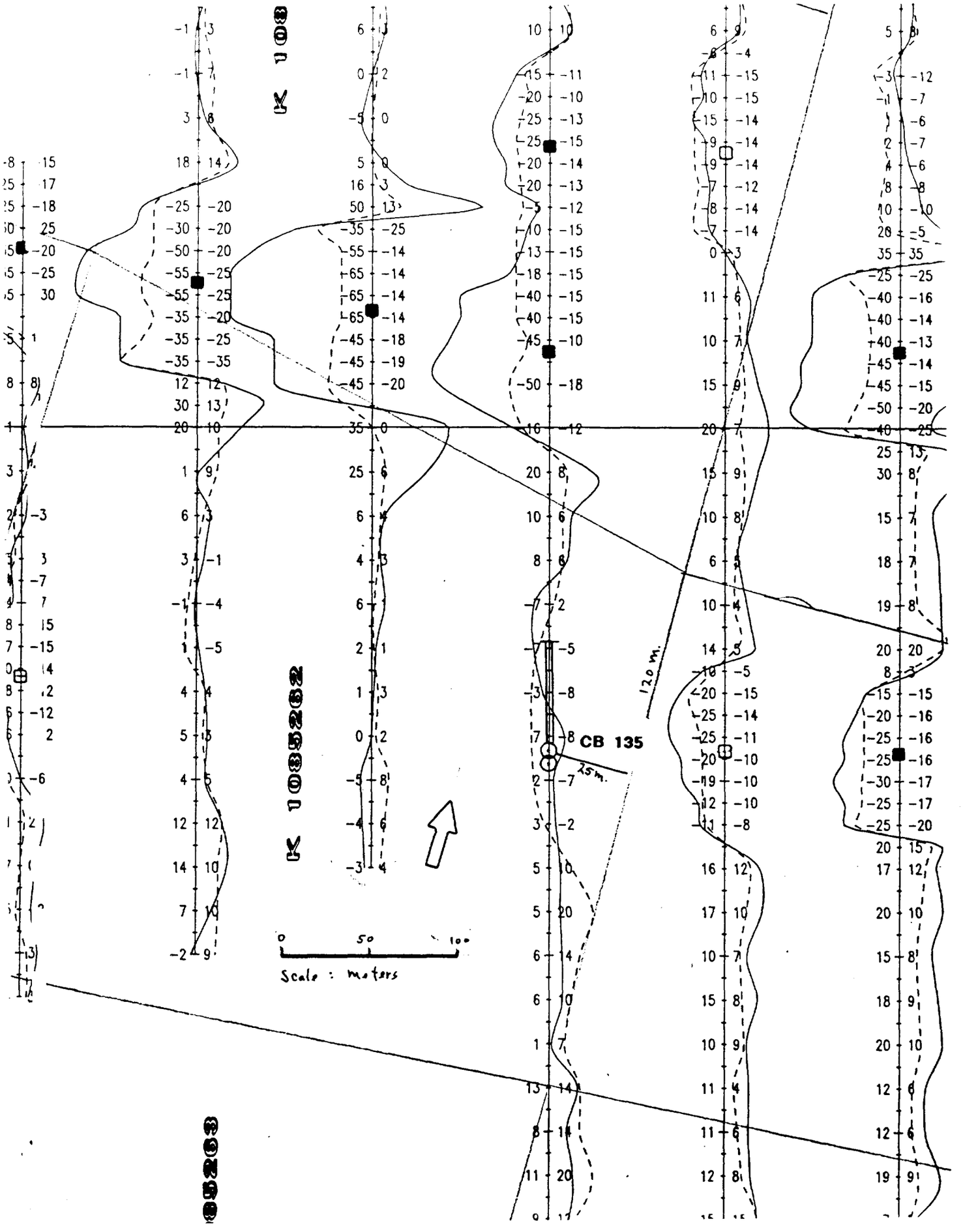
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	100.00	100.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
100.00	104.00	4.00	6268	25	8	135	0.1	420	1.69	49
104.00	106.00	2.00	6269	31	6	177	0.1	398	1.99	25
106.00	108.00	2.00	6270	137	11	629	0.2	555	6.38	78
108.00	110.00	2.00	6271	50	8	125	0.1	528	4.27	39
110.00	112.50	2.50	6272	34	11	105	0.1	483	3.66	32
112.50	226.00	113.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB134

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		Traces po fine grained disseminated. Traces fine grained sericite in sections. Occassional cm to .1' banding green-whitish-epidote-plag-quartz; alteration along foliation planes or recrystallized mafic fragments. Sections fine to medium grained quartz-plag-biotite speckled cm bands; lighter colour than matrix; possible homolithic felsic fragments. Fragments %> matrix %. Gradual decrease in biotite to 10% to 160.'; slight lighter coloured matrix, with occassional very fine grained biotite 80% cm banding; discontinuous; fragments. 132.0 - 133.0 White-green beige alteration band; quartz-sericite late quartz veining. 146.0 - 147.5 White-beige banded; late quartz-sericite vein. 165.0 + Whitish-green-epidote-plag lenses 5%, traces medium grained white crystals cordierite?, plag. 180.0 + Sericitic, biotite, traces sillimanite. Speckled quartz-feldspar-biotite-sillimanite-muscovite schist, lighter coloured; sericite 5%, biotite >10%, fragments; lighter colour; quartz-sericite-sillimanite patches cm sized >5% disseminated sillimanite, sericite >biotite. 205.0 Cross fractured at 20 to C.A., trace fine grained pyrite coating. 221.0 - 226.0 Plag rich matrix, fragments, good light fragment textures in darker matrix.											


K 108
K 108
CB 135
120 m.
25 m.
0 50 100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB135
Collar Eastings: 4300.00
Collar Northings: 182.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 296.00 feet

Logged by: P. Barc
Date: Feb. 22, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	37.8	(CASING)
37.8	101.8	(QUARTZ-BIOTITE-CORDIERITE-SERICITE-SILLIMANITE-GARNET SCHIST) Aluminous alteration or felsic related sediment Inhomogenous unit. Composed of 2 components. 60% greyish uniform sections; fine grain, quartz rich, traces biotite, sericite 40% blackish grey bands; fine grain, quartz biotite 20% rich bands, with fine to medium grain cordierite 10-25%. Traces garnets, sillimanite; cm to .5' bands. Generally well foliated at 70 to C.A. Sections finely fractured, cross fractured sections with black serpentine coatings, fine grain pyritic coatings, whitish quartz coatings. Occassional lenses epidote-plag; .5cm X 2 cm mafic fragments
101.8	103.0	(ARGILLITE) Soft, greyish, orange banded black margins; serpentinized Centre; .2' fragments - clastic-black, pink, cherty, angular, fine to coarse grain. Brecciated sections.
103.0	105.3	(AMPHIBOLITE BANDED) Minor cordierite, biotite banding.
105.3	105.8	(CHERT + PYRITE) Greyish chert, pyrite .1' band. Finely brecciated, black mineral; serpentinized
105.8	144.6	(QUARTZ-BIOTITE-SERICITE-CORDIERITE SCHIST) Similar to previous section Cm interbanded quart rich grey/blackish biotite rich, cordierite sections. 15% fine to medium grain cordierite 3 - epidote-quartz cm bands. 124.0 - 139.0 - Greysih; quartz-biotite-sericite-sillimanite schist trace Po mm bands, trace Cpy. 139.0 - 144.6 - Cordierite-quartz-biotite-garnet-sericite-sillimanite. 139.0 - 140.0 - Po banding, trace Py, Cpy.
144.6	147.3	(AMPHIBOLITE BANDED)

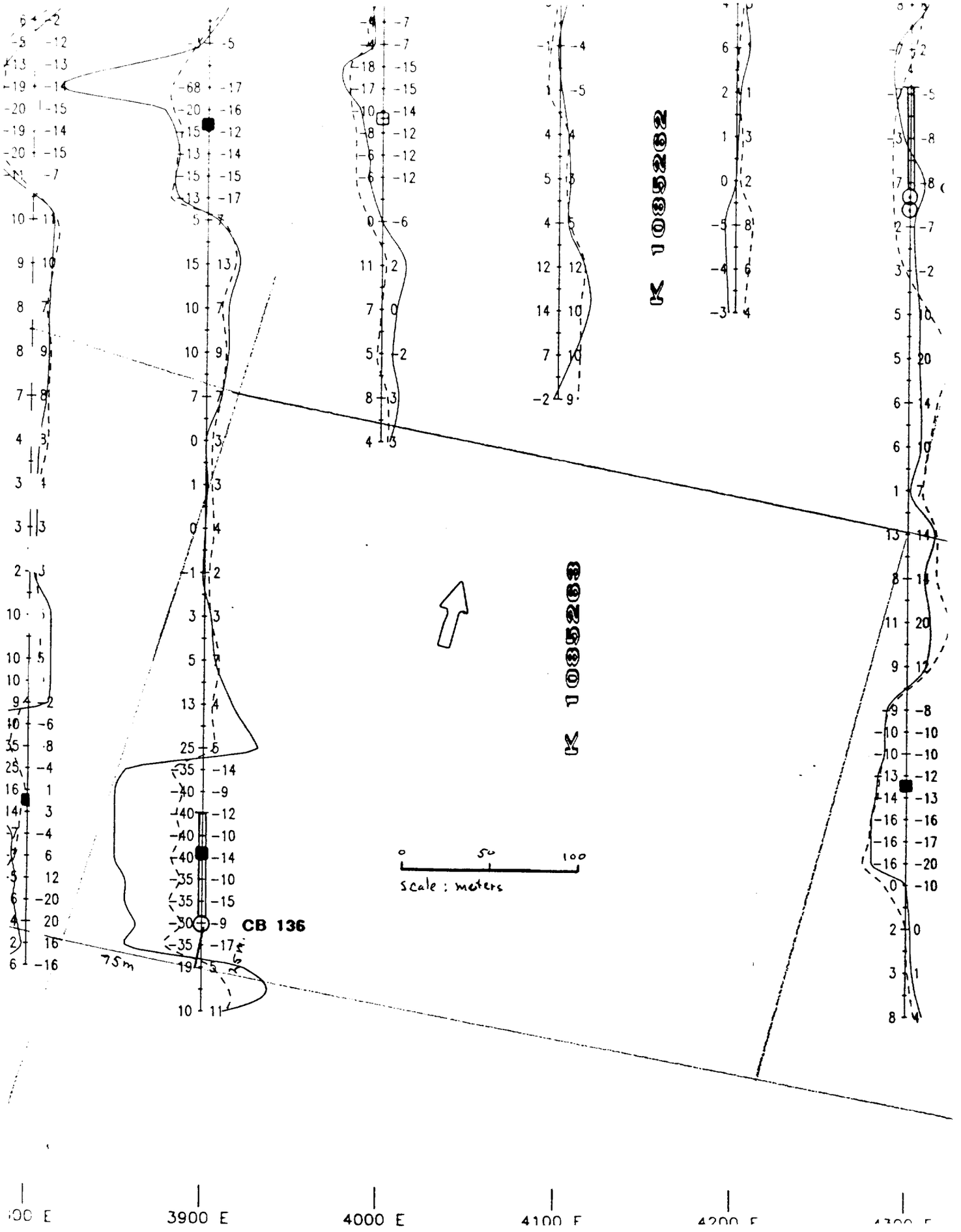
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
				ASSAYS						
0.00	96.00	96.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
96.00	100.00	4.00	6293	190	11	143	1.0	654	7.43	54
100.00	101.70	1.70	6294	197	8	154	0.2	752	8.76	39
101.70	103.50	1.80	6295	161	9	123	0.6	1130	7.89	47
103.50	106.00	2.50	6296	136	4	160	0.1	1980	9.04	46
106.00	108.00	2.00	6297	189	14	118	0.5	897	7.00	38
108.00	128.50	20.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
128.50	132.50	4.00	6298	178	8	95	TRACE	373	4.63	58
132.50	133.10	0.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
133.10	138.00	4.90	6299	195	2	124	0.5	679	6.63	43
138.00	140.00	2.00	6300	163	18	193	0.3	1130	9.73	28
140.00	144.50	4.50	6301	244	4	112	0.2	332	5.75	31

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB135

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
						ASSAYS							
		15% epidote-plag mm to cm streaky bands. 20% biotite mm to .5cm bands.											
147.3	296.0	(AMPHIBOLITE BANDED) Similar to previous section 10% epidote-plag mm to cm lenses, increase to 25% Minor - .3' cherty sections, biotite banding. Traces fine grain garnet banding. Fine quartz banding, cross banding, to 20%/10'. Traces Po, Py. 296.0 - EOH	144.50	296.00	151.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.


K 1035262
K 1035263
CB 136
75m
0 50 100
scale : meters
3900 E
4000 E
4100 E
4200 E

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB136
Collar Eastings: 3900.00
Collar Northings: -600.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 296.00 feet

Logged by: P. Barc
Date: Feb. 23, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	20.0	(CASING)
20.0	39.0	(GABBRO) Speckled green-black-white. Medium grained, weakly foliated at 60-70 to C.A. Generally hornblende-epidote-plag, section 1-2' plag rich, whitish with green, black, epidote-hornblende, grains; uniform, trace cpy, disseminated to 38'. 38.0 Hornblende-biotite-quartz-plag uniform speckled schist, cm to .3' alteration lenses, pale; beige, green.
38.0	91.5	(AMPHIBOLITE - BANDED - WEAKLY) Possible pilloved-altered-mafic volcanic. Grey-greenish, speckled-biotite disseminated 15-20% clots mm to .cm; biotite after hornblende; alteration nearest to gabbro contact. Irregularily spaced epidote-plag whitish, pale green bending 5-10% of unit, mm to .5' sized. Banding, foilation at 70-80 to C.A. Traces po, pyrite within epidote-plag bands, +trace, cpy, Minor quartz mm-bands. Sections, pale, weak plag fine grained phyric - white crystal-laths, section 3 - .5', Pale green-beige sericitized rhyolitic appearance, aphanitic, silicious banded sericite. + biotite rich margins, late alteration. Po cross bands .5 cm, trace po mm banding to 76.'. biotite rich 76.0 + Biotite rich sections, quartz, sericite. 5%; trace garnet-quartz in epidote-plag lenses, trace po to .1' sections medium grained hornblende-epidote-plag; possible pillow core fine grained po dissimenated in sections to 5%. Gradation 76.0 - 91.0. Paler colour, disseminated po increased quartz content.
91.5	96.5	(AMPHIBOLITE BANDED, SILICIFIED) Pale green, brown banded, grey banded very finely banded. Quartz, plag, biotite banded schist, sericite? Epidote rich bands; greenish. Gradational contact at 91.5. Cm band, disseminated po, mm banding >5%, concentrated in epidote-plag mm bands. Pyrite 5%; cm I mm blebs, .2' section vuggy irregular oriented band.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	60.00	60.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
60.00	63.00	3.00	6318	179	5	30	0.2	186	3.27	192
63.00	68.60	5.60	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
68.60	72.70	4.10	6319	142	3	740	TRACE	317	4.15	93
72.70	88.00	15.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
88.00	91.00	3.00	6320	116	10	337	TRACE	351	5.31	81
91.00	96.00	5.00	6321	171	6	85	0.2	500	8.72	54

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB136

FROM	TO	LITHOLOGICAL DESCRIPTION
96.5	109.9	(CHERT - PO, PY, ZNS MINERALIZED + 35% PO - SULFIDE BRECCIA) 70% sections greyish cherty with biotite as banding. Sections foliai folding: .2' scale 96.5 - 98.0. Trace zns in po as bands 97.5 in drag folded chert. Oval cm lenses; whitish, black speckled biotite-felsic clastic material-fragments. Occassional as streaks, one .1' band aplitic granite-pink, very fine grained feldspar. Fragments in silicious matrix. Disseminated po 30% , py 5% in banded chert sections trace zns. Occassional late: cm po-py-chert brecciated bands. Py greatest concentrated sections with disseminated biotite. 96.5 - 98.5 Banded, foliai folded chert with Po 30%, Py 5%, Zns trace. 97.5 Zns in cherty cm clast - chert+cherty clasts. 98.5 - 101.6 Po 40%; massive stringers, cm sized blebs, Py + black clay mineral banding along margins. Weakly brecciated chert. 101.6 - 104.0 Chert + disseminated py, po, po increase 10 to 40%, biotite 104.0 106.0 Po-sulfide breccia, angular banded chert clasts, rounded cherty clasts. Traces disseminated py. Zns in cherty clasts. 106.0 - 109.0 Po, minor py. Po 35%, Py 5%. Streaky po bands to cm size, +fine grained disseminated in banded chert-breccia 109.0 - 109.8 Po 60%, sulfide breccia; angular chert-banded clasts; trace py, cpy.
109.9	125.0	(AMPHIBOLITE BANDED) Sharp contact, contorted foliation to 1/0.8', po banding; pale green beige cm bands to 110.8'; streaky banding, trace po bands. Epidote-plag, quartz, biotite. 116.0 - 125.0 Finely banded, epidote-plag minor, trace po.
125.0	134.0	(GABBRO) Finely grained grey-black weakly foliated sections. Fine quartz banding, sections pervasively cross banded quartz, plag banded. Trace epidote-plag banding. Late po-quartz cm irregular band. Possible pillowed volcanic altered.
134.0	142.7	(AMPIBOLITE BANDED + PO CHERT SECTION) Similar to previous, 39.0 - 91.5, as to cm. Crudely epidote plag +/- po banded, 10%, fine grained epidote rich sections + pale plag rich sections. Non uniform. Minor intercalated

ASSAYS

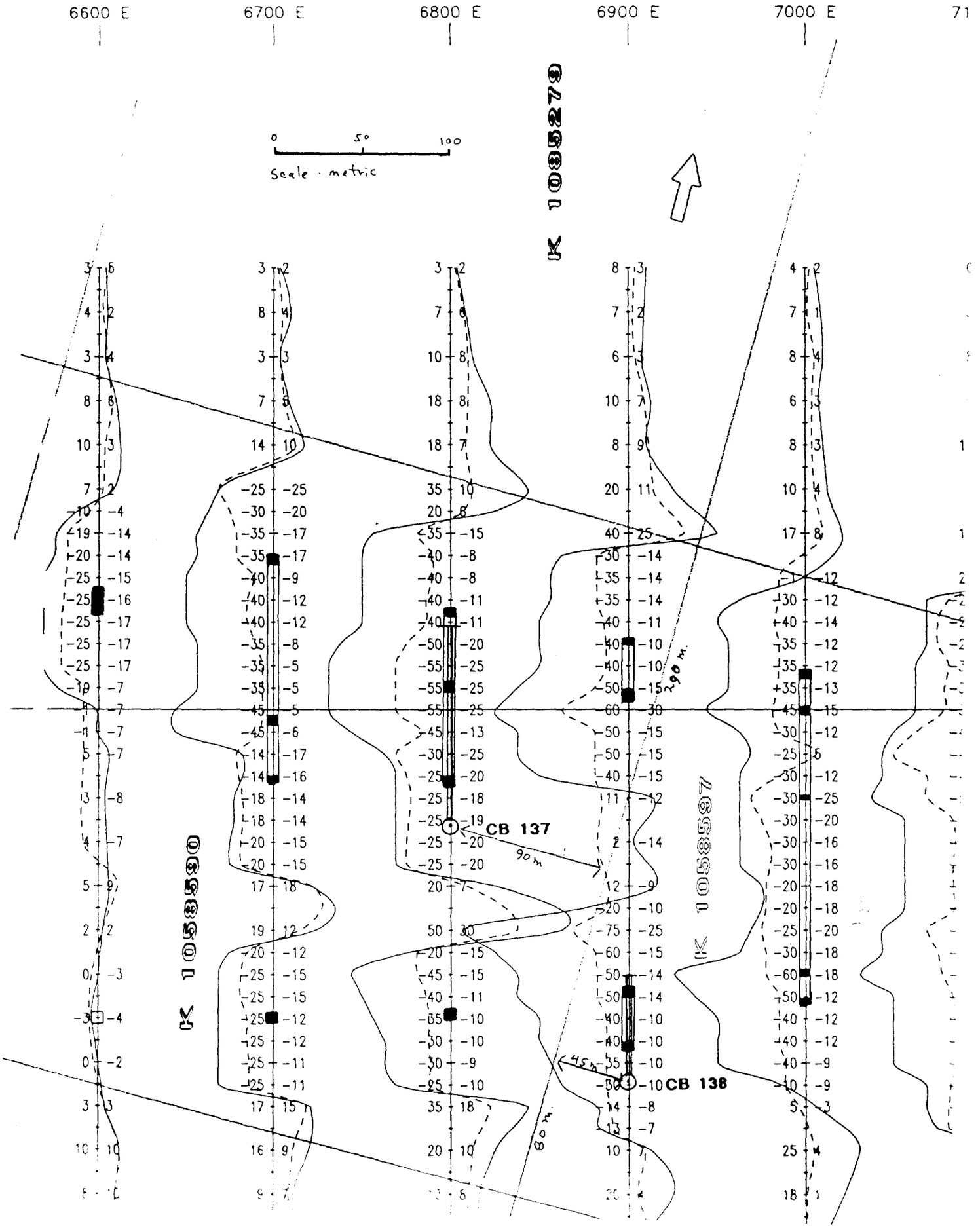
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
96.00	98.50	2.50	6322	246	10	1645	0.3	1130	9.54	38
98.50	101.60	3.10	6323	568	19	608	0.1	776	15.46	83
101.60	104.00	2.40	6324	460	23	165	0.3	754	12.80	174
104.00	106.00	2.00	6325	1154	35	283	0.2	939	25.10	13
106.00	108.30	2.30	6326	537	7	218	0.2	1180	13.73	23
108.30	109.90	1.60	6327	649	13	267	TRACE	1150	17.45	54
109.90	112.00	2.10	6328	149	2	160	0.3	606	5.96	20
112.00	114.50	2.50	6329	133	TRACE	30	0.4	250	2.50	10
114.50	136.90	22.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
136.90	141.00	4.10	6330	266	4	64	0.4	542	4.40	17
141.00	142.40	1.40	6331	556	5	101	TRACE	758	13.50	TRACE

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB136

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Po-chert banded section, epidote, plag. 141.0 - 142.7 Po 50% chert 50% mm banded.											
142.7	156.2	(AMPHIBOLITE BANDED, SILICIFIED) Greyish, green black banded. Hornblende-epidote/quartz-biotite fine grained rich sections 5% change to 20% to 156.2 Finely banded; mm scale weakly developed po-py-epidote-serpentine-plag bands, minor to cm. Traces disseminated po, mm bands. 154.0 - 156.2 Po 5%, quartz, biotite bands. Gradational lower contact.	142.40 146.00 150.00 153.00	146.00 150.00 153.00 155.80	3.60 4.00 3.00 2.80	6332 6333 6334 6335	81 198 195 257	TRACE 4 5 6	51 28 48 451	0.1 0.1 0.1 0.2	534 214 302 358	3.01 2.62 2.93 4.01	15 11 59 83
156.2	158.5	(PO-CHERT-BIOTITE-MAGNETITE-ZNS) Chert banded; grey chert, black biotite 5-10%, Po fine grained laminations 20%, sections to 40%. Weak fragmental textured ie: cherty, felsic, Po-chert-Zns cm clasts within laminated chert-po-biotite schist. 5% epidote, epidote-plag banding, cm especially near margins Gradational contacts. 157.0 - 158.5 Po 40%, traces Zns. 157.2 - .2' Po-quartz late vien, disseminated Zns mm X cm streaks 5%.											
158.5	164.0	(AMPHIBOLITE BANDED + QUARTZ, BIOTITE, PO BANDED SECTIONS) Patchy-streaky greenis black amphibolite with 10% epidote-plag quartz + Po banding. Quartz, biotite banded, grey-black sections 30% to .1-.3' Weakly developed, epidote banding. Sharp lower contact. 154.0 - 161.0 Trace Po in epidote-plag bands. 161.0 - 164.0 Po mm banding, disseminated, total Po 5-10%.	155.80 158.80 161.40	156.80 161.40 164.00	3.00 2.60 2.60	6336 6337 6338	534 227 314	25 7 13	5568 1091 516	0.3 TRACE TRACE	541 354 560	9.06 4.97 7.41	291 204 25
164.0	296.0	(AMPHIBOLITE) Pilloved metavolcanic. Epidote-plag banded; cm bands on a 1-2' scale, banded, foliated 70 to C.A. Uniform pale green black coloured, fine grained epidote-plag-hornblende. Trace Po, trace serpentine black mm bands. Occassional quartz cm band. 230.0 - 233.0 White fine pervasive cross banding section 2' grey-quartz, plag white banded, black serpentine banding. 255.0 Granite pegmatite - fine grained pink, white, 4 cm bands /2' with epidote-plag alteration margins. 271.0 - 279.0 Pale banded; 2 to .6', sericite, epidote, quartz, quartz-serpentine bands. 296.0 EOH	164.00	296.00	132.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.


6600 E
6700 E
6800 E
6900 E
7000 E
0
50
100
Scale · metric
K 1085279
K 1058590
K 1058597
CB 137
CB 138
90 m
80 m
45 m
290 m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB137
Collar Eastings: 6800.00
Collar Northings: -65.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 526.00 feet

Logged by: P. Barc
Date: Feb. 24-25, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	12.5	(CASING)
12.5	23.6	(AMPHIBOLITE - BANDED, GARNETIFEROUS) Green, white, black banded at 60 to C.A. Whitish plag-rich sections, streaky aa I cm epidote-plag lenses 15% of unit, Garnet fine to medium grained, 40% of unit - banding +/- epidote, bitote, tract po biotite banding 5-10% 16.0 - 17.0 Section quartz-biotite banded; greyish-white felsic tuff. Plag.-white speckled. 22.2 - 23.6 Garnet, medium to coarse grained, 50%, epidote banding, hornblende, plag. Traces magnetite in garnet rich .1' bands.
23.6	26.5	(AMPHIBOLITE BANDED) Minor garnet bearing bands; garnet as medium grained crystals to 50%/.1' to .2' bands. 10% of unit. Traces Po bands. Generally wider spaced, thicker, to cm, epidote-plag-trace po banding, greyish, quartz, plag rich banding.
26.5	61.7	(AMPHIBOLITE BANDED, GARNETIFEROUS, MAGNETITE SECTIONS) Similar to previous sections. Addition of greyish-cherty, biotite banding, minor garnetiferous sections minor, similar to previous, 10% of unit to 1'. Trace Po magnetite. 26.5 - 38.5 Epidote-plag banding, Po traces. 38.5 - 46.0 Garnet, magnetite, Po sections. Minor epidote-plag banding, Po traces. 38.5 - 39.2 Magnetite, Po in garnet-epidote-chert-biotite banded section. 42.3 - 43.4 Garnet, magnetite, Po, chert, epidote, biotite. 45.2 - 45.8 Garnet, magnetite, Po. 46.5 - 46.9 Late barren quartz vien. 45.8 - 55.1 Minor garnetiferous cm banding. Po in epidote-plag lenses, disseminated Po, mm bands in mafic schist. 55.1 - 55.5 Po chert sulfide breccia, angular cherty pebbles clasts. Minor intercalated band. 55.5 - 59.3 Banded amphibolite. Po 5-10% mm bands + in epidote-plag lenses. 59.3 - 60.6 Po, Py cm to .1' fine grained banding. 60.6 - 61.7 Banded amphibolite, trace Po, non epidote-

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	17.00	17.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
17.00	21.00	4.00	6362	165	6	41	TRACE	772	4.38	18
21.00	24.00	3.00	6363	131	4	91	0.3	943	6.24	103
24.00	37.00	13.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
37.00	42.00	5.00	6364	183	TRACE	24	TRACE	429	3.34	16
42.00	46.00	4.00	6365	254	TRACE	26	0.3	571	4.97	20
46.00	51.00	5.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
51.00	54.70	3.70	6366	98	TRACE	17	0.3	368	2.07	9
54.70	56.00	1.30	6367	146	2	43	TRACE	615	12.89	3
56.00	59.20	3.20	6368	61	TRACE	25	0.4	428	4.61	5
59.20	61.70	2.50	6369	259	4	43	TRACE	576	12.82	9

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB137

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm0	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		plag banded.											
61.7	63.2	(PO-MASSIVE SULFIDE) Sulfide breccia; fine grained Po 65%, 35% angular banded amphibolite clasts sericite fine grained to pebbles, 3cmXcm. Hornblende disseminated grains in Po, epidote, plag. Weakly foliated 60 to C.A. Traces fine grained garnets.	61.70	63.20	1.50	6370	484	28	71	TRACE	472	27.19	6
63.2	69.0	(AMPHIBOLITE BANDED) Epidote+/-plag banded 10%, minor garnets traces Po in bands.	63.20 66.00	66.00 69.00	2.80 3.00	6371 6372	181 45	TRACE TRACE	39 27	0.1 0.2	614 612	8.71 5.36	6 8
69.0	78.0	(AMPHIBOLITE BANDED + GARNET - PO-MAGNETITE SECTIONS) Inhomogenous unit; 69.0 - 70.0 Banded amphibolite, garnets, hornblende, epidote chert, traces magnetite + in epidote-plag lenses. Po, Zns. 70.0 - 78.0 Traces garnets - banded amphibolite, Po 5%, mm bands, disseminted in banded amphibolite.	69.00 70.00 75.00	70.00 75.00 78.00	1.00 5.00 3.00	6373 6374 6375	111 31 66	11 3 11	47 19 35	TRACE 0.7 0.4	667 331 595	11.84 2.85 5.02	21 10 34
78.0	79.6	(GARNET - CHERT - HORNBLENDE - MAGNETITE SCHIST) Gradual increase in fine grained garnet content 78.0 - 79.0 to 60% +/- cherty banding, Traces Po, mm bands, magnetite ~5%.	78.00	79.60	1.60	6376	81	11	37	0.1	658	8.43	86
79.6	81.2	(GRANITE PEGMATITE) Pink, very fine grained white cm X mm streaks 30% - sillimanite? on Kspar reaction rims - muscovite. Aphitic granite Leucog.	79.60	81.20	1.60	6377	9	8	21	0.5	220	1.66	20
81.2	85.0	(GARNET - CHERT - HORNBLENDE - MAGNETITE SCHIST) 83.0 - 84.5 15% Po, mm banding, absence of garnets.	81.20 83.60	83.60 84.50	2.40 0.90	6378 6379	62 77	19 27	50 201	TRACE TRACE	518 1300	5.89 22.93	75 24
85.0	85.8	(PO - MASSIVE SULFIDE) Fine grained Po-epidote-chert, biotite, banded schist, Po 20% gradational to .3' fine grained Po 70% sulfide breccia with cherty clasts fine to coarse grained, 30%.											
85.8	237.2	(AMPHIBOLITE BANDED) Similar to previous. Biotite, epidote-plag finely banded; very fine grained cherty banded, biotite greyish sections to .5'. 200.0 Trace garnet banding. 141.0 - 144.0 Late quartz cm banding. .8' white coarse grained pegmatite.	84.50	86.00	1.50	6380	348	16	74	TRACE	1590	18.26	24

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB137

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm0	Mn(ppm)	Fe(%)	As(ppm)
								ASSAYS					
		215.6 - 216.0 Coarse grained pink pegmatite.											
		217.0 - 218.8 Pink, fine grained aphitic, coarse grained pegmatite sections.											
		218.8 Banding biotite.											
		220.0 - 237.2 Hornblende, epidote, plag, biotite finely banded amphibolite, trace Po. Fragments; felsic, mafic <5%.											
		233.4 - 234.0 Garnetiferous; fine grained garnet 40%, biotite.											
		236.0 - 236.6 Granite pegmatite. Pink coarse grained quartz flooded.											
237.2	269.0	(FELSIC TUFF)	86.00	266.00	180.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Gradational from very fine grained, greyish black, biotite	266.00	269.00	3.00	6381	59	15	88	0.2	966	5.20	345
		banded to plag phyric - medium grained in fine grained matrix											
		240.0 - 242.0 Fine beige - altered or finely cross fractured rock.											
		243.5 - 245.5 70% sections hornblende, epidote +/- plag bands trace Po, mm bands. Greenish, black-beige mafic dikes?											
		256.0 - 261.0+ Gradual change to fine grained biotite rich tuff finely banded											
		261.0 App. epidote, biotite banding in fine grained uniform tuff.											
		266.0 - 269.3 Late quartz-epidote-serpentine band, traces Po											
		267.0 - 269.3 Biotite rich; 50% very fine schist tuff.											
269.0	270.0	(PO-GARNET-CHERT-BIOTITE-EPIDOTE SCHIST)											
		Fine grained garnet, biotite banding 15%.											
		cm - .1' Po, Py, bands; total Po 50%, Py 1-2%.											
		Epidote-chert banded. Sharp contacts.											
270.0	275.7	(AMPHIBOLITE BANDED)	269.00	270.20	1.20	6382	189	16	175	TRACE	717	9.51	16
		Epidote-plag cm lenses, trace Po, minor finely epidote-	270.20	274.00	3.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		hornblende-plag banded. Late quartz-Py band at 274.4'	274.00	275.00	1.00	6383	120	10	46	TRACE	209	5.80	29
275.7	282.0	(GABBRO)											
		Fine grained; uniform, green-white speckled. Epidote-horn-											
		biende-plag. Trace Po; digested cm mafic xenoliths											
		280.4 - 282.0 Granite pegmatites, fine to medium grained pink biotite banded margins.											
282.0	325.5	(AMPHIBOLITE BANDED)	275.00	291.00	16.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Cherty, grey, minor banded section; units .3' bands.	291.00	294.00	3.00	6384	97	9	30	TRACE	566	2.91	31
		Garnet-epidote-biotite-Po-plag banded sections.	294.00	296.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		interbanded with weakly epidote-plag banded sections.	296.00	297.50	1.50	6385	179	3	35	TRACE	238	3.62	6430

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB137

FROM	TO	LITHOLOGICAL DESCRIPTION
		Granitic pegmatites; 10% .5'-.2', pink coarse grained.
		286.0 - 288.2 2%.7' granite pegmatite.
		291.0 - 294.0 Garnetiferous section; 30% fine grained garnet, traces Po.
		294.0 - 303.0 Uniform, biotite, epidote, plag, hornblende banded.
		297.0 .5' section fine grained Aspy mm bands, fine grained disseminated; 5%/.2', Po in cherty bands.
		303.0 - 310.0 Granitic pegmatites, 3 to 2', pink, coarse grained, fine grained.
		310.0 - 314.5 Banded amphibolite traces Po in epidote-plag lenses.
		314.5 - 317.5 Garnet banding, sections with cherty bands, *epidote, Po 5-10%/1'. Traces pyrite.*
325.5	341.0	(CHERT - BANDED, PO, PY GRAPHITE TRACE ZNS MINERALIZED)
		Inhomogenous unit.
		Sections cherty, beige grey, traces sulfides
		Sections felsic tuff; quartz-plag-biotite, weakly fine grained phyric grey-black banded.
		Section greenish, pale, chert+graphite
		Minor sections Po, Py, sulfide breccia.
		Sections grey, orange, black, fine grained biotite-muscovite quartz, feldspar. Possible rhyolite or felsic tuff.
		325.5 - 328.0 Grey, black, beige cherty. Minor Po, Py
		328.0 - 330.0 Cherty, pale greenish, 30% massive mm graphite banding.
		330.0 - 332.3 Cherty, grey, biotite, disseminated Po, banding, Py; Total sulfide 30%, graphite 25%, trace Zns.
		332.3 Grey, orange banded, muscovite, biotite, trace sillimanite; felsic tuff - Possible rhyolite, muscovite rich change to biotite rich,
		334.0 - 337.0 Po, Py, massive sulfide; sulfide breccia textured sections/.05' cross fracture-band Po sulfide,breccia
		334.7 - 335.7 Cherty, muscovite, felsic fragments. Disseminated Po, mm streaks 25%.
		335.7 - 337.0 .3' Po/Py sulfid breccia, gradational to cm massive Po cross bands in felsic tuff,Py.
		337.0 - 341.0 Po disseminated, biebs to cm in felsic tuff + rhyolite section. Fragmental, felsic oval clasts in very fine grained. Possible rhyolite on cherty banded greenish orange, hematite, schist. Total Po 10%, 20% in epidote-plag? banded .2' section.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm0	Mn(ppm)	Fe(%)	As(ppm)
297.50	313.80	16.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
313.80	317.50	3.70	6386	133	9	53	TRACE	524	4.87	410
317.50	325.50	8.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
325.50	328.00	2.50	6387	47	27	169	0.4	446	3.76	42
328.00	330.20	2.20	6388	32	13	31	0.8	587	3.13	22
330.20	332.30	2.10	6389	125	14	878	TRACE	659	10.62	45
332.30	333.70	1.40	6390	27	22	195	0.6	506	3.49	30
333.70	337.00	3.30	6391	255	22	238	TRACE	887	15.30	24
337.00	341.00	4.00	6392	77	20	180	0.6	886	8.08	43

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB137

FROM	TO	LITHOLOGICAL DESCRIPTION
341.0	449.2	(FELSIC TUFF)

Grey-black biotite banded, minor muscovite rich sections; rhyolitic garnet-biotite banding; garnet 15% - very fine grained streaky granular aggragets - cm X mm .6' -341.6.
341.0 - 343.0 Gradational to lighten coloured, biotite banded, speckled, muscovite. Uniform felsic tuff.
Slight increased grain size; fine grained.
Orange-hematite stained .2' sections; minor.
361.0 Rhyolite, muscovite rich, lighten coloured, less biotite. Disseminated fine grained pyrite in sections, .5', esp. in orange-hematite stained section, cherty, traces graphite.
360.5 - 361.0 Disseminated fine grained Py 25%.
363.4 - 365.0 Reddish-orange hematite stained, disseminated Py 25%, Quartz .1' band; red stained margins.
386.0 Sillimanite, disseminated, streaks fine grained, change to coarse grained; mm X cm 25%.
Quartz-biotite-muscovite-sillimanite schist tuff altered sections. Sections in biotite-rich trace garnet felsic tuff minor rich fragments? clasts to 386.0.
396.0 - 405.0 Sillimanite bands; to .1'. Fragments? Rhyolite in biotite tuff.
405.0 Biotite speckled tuff.
Muscovite, sericite bands; fragments.
Traces sillimanite to 10-15%/1-2'.
399.0 - 400.0 Alteration beige-greenish, sericitic alteration of felsic tuff.
432.0 - 434.0 Traces Po; finely banded, very fine grained, muscovite rich section. Sharp contacts.
to 366.0 traces pyrite.
367.5 Py 20% in sericitized pale beige .2' band.
Alteration of rhyolitic-felsic tuff.
372.0 - 373.0 Disseminated Po, fine grained, occassional cm X mm blebs. Po 15%, fine grained cm bands cherty?
Very fine grained siliceous banding in rhyolite-tuff, breccia: vague fragmental-felsic textured.
435.0 - 438.5 5% Pyrite disseminated banding, <5% Po traces weak red hematite stained sections. Contact margin - muscovite, rhyolite-tuff/biotite tuff. Epidote-plag banding in tuff.
441.0 - 442.0 15% Po disseminated, mm banding, streaky, traces graphite
446.0 449.2 Disseminated Po, increase to 20% fine grained. Medium grained biotite, muscovite tuff.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm0	Mn(ppm)	Fe(%)	As(ppm)
341.00	360.50	19.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
360.50	363.40	2.90	6393	26	11	122	TRACE	601	3.68	66
363.40	366.20	2.80	6394	47	16	126	TRACE	475	7.22	44
366.20	371.00	4.80	6395	27	18	115	0.2	466	3.97	35
371.00	373.20	2.20	6396	70	15	363	0.1	715	7.62	117
373.20	435.00	61.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
435.00	438.50	3.50	6397	77	18	349	0.1	785	7.53	56
438.50	440.50	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
440.50	442.50	2.00	6398	91	12	693	0.1	1010	7.76	29
442.50	445.00	2.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
445.00	449.00	4.00	6399	86	15	260	0.2	655	8.20	47

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB137

FROM	TO	LITHOLOGICAL DESCRIPTION
449.2	451.0	(EPIDOTE-BIOTITE-QUARTZ-GARNET SCHIST) Mafic related tuff. Finely banded, green/black ,epidote/biotite with disseminated garnet fine to coarse grained cm granular aggragates 10%. Traces Po, Py, mm banding. Mm Cpy band at 451.0.
451.0	452.9	(FELSIC TUFF) Biotite rich, speckled. Trace pyrite. Sharp contacts.
452.9	459.3	(AMPHIBOLITE BANDED) Greenish-black, fine grained. Weakly epidote-biotite banded along 452.9 margin. Minor biotite banding, epidote-plag cm lenses, bands, traces Po. Traces garnets, fine medium grained, cm band, biotite. Traces Po thru unit. 455.5 - 456.0 Po 25%, cm, mm bands, trace Py.
459.3	466.1	(FELSIC TUFF - WEAK PO, GRAPHITE BANDED SECTION) Quartz-biotite banded, biotite 10-20%, grey, black banded. 459.3 - 461.0 Biotite 40%, traces Po, Aspy, garnets. 461.0 - 463.0 Felsic tuff. 463.0 - 466.1 Chert Po15%, graphite, biotite. Dirty chert, biotite, or felsic tuff - Po, graphite.
466.1	526.0	(FELSIC TUFF) Grey, black banded, biotite rich sections, muscovite rich sections; fragments? in sections, cm in size. Traces up to 10% sillimanite - .2-2' sections. Biotite rich sections often garnetiferous, fine grained, up to 10%/.5' sections. Traces Po, mm bands. Gradational to biotite-gneiss + migmatite sections. 479.0 - 482.0 Sillimanite, increase from 5% fine grained, to 30% medium grained. 482.0 - 526.0 Appearance of whitish, fine grained, cm - mm, granitic banding; migmatite bands in biotite, trace garnet, uniform tuff. To 516.0 Slight increase in grain size, biotite banding - content to 25%. 516.0 - 519.0 Biotite gneiss + migmatite. 519.0 - 526.0 Biotite, garnet 5-10%, migmatite bands, weakly gneissicity, traces Po along margin of Trondjemite .2' bands near 524.0. Traces Po, Py in biotite "gneiss".

ASSAYS

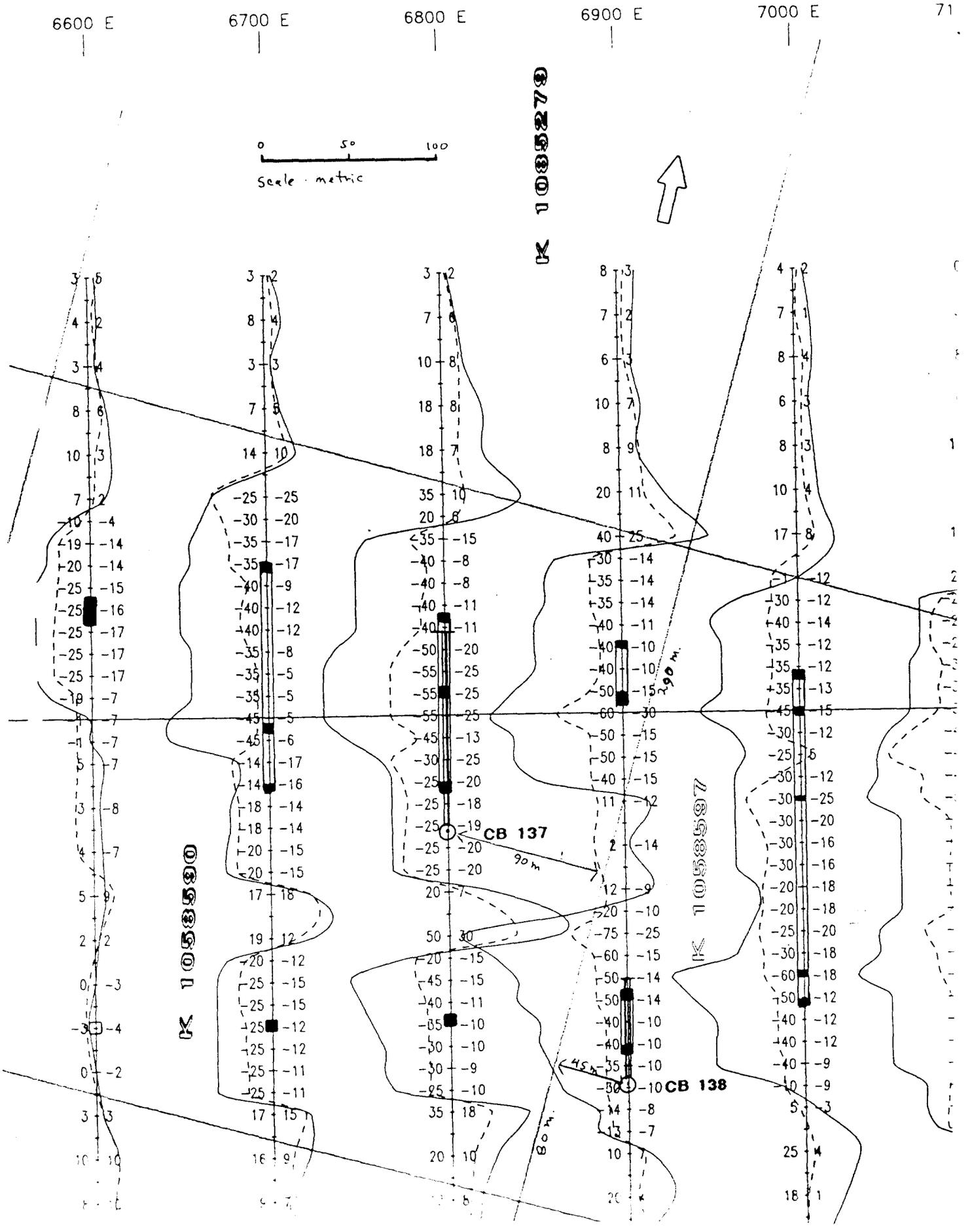
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm0	Mn(ppm)	Fe(%)	As(ppm)
449.00	451.00	2.00	6400	138	TRACE	92	0.2	490	5.94	158
451.00	453.30	2.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
453.30	456.00	2.70	6401	123	42	68	0.1	357	4.96	178
456.00	459.30	3.30	6402	84	16	25	TRACE	270	4.16	765
459.30	463.00	3.70	6403	79	22	143	TRACE	910	5.72	266
463.00	466.10	3.10	6404	402	20	1874	0.2	621	6.14	16
466.10	468.00	1.90	6405	129	48	362	0.8	350	2.75	27
468.00	526.00	58.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB137

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	ASSAYS Zn(ppm)	Ag(ppm0	Mn(ppm)	Fe(%)	As(ppm)
		518.0 - 519.0 Cross fracture 0 to C.A. Py fine grained disseminated coating.											
		526.0 EOH											


6600 E
6700 E
6800 E
6900 E
7000 E
0 50 100
Scale · metric
K 1085279
K 1085590
K 1085577
CB 137
CB 138
90 m
90 m
45 m
80 m

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB138
Collar Eastings: 6900.00
Collar Northings: -210.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 282.00 feet

Logged by: P. Barc
Date: Feb. 26, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	17.5	(CASING)
17.5	88.5	(AMPHIBOLITE BANDED) Weakly, wide spaced epidote-plag bands, green-white cm streaky bands at 60 to C.A. Bands in very fine grained hornblende-epidote-plag schist grey-black coloured alteration; finely cross fractured 1-2' sections, white quartz coatings. 51.0 - 68.0 Trace biotite, garnet, banding. Traces disseminated Po fine grained, mm bands. Increased biotite banding 15% to 25% to 57'. 17.5 - 36.0 Rusty, surface oxidized fractures 34.0 - 36.0 Trace Po. 22.5 - 23.0 Trace magnetite in .2' garnetiferous sections, biotite, epidote-plag banded. 68.0 - 88.5 Trace Po, Py in quartz, biotite banded; cherty sections, minor.
88.5	96.0	(AMPHIBOLITE BANDED, GARNETIFEROUS, MAGNETITE SECTIONS) Trace magnetite in garnetiferous sections, pale-pink mineral; cordierite epidote, plag, trace Po banding - 2 .5'-1' sections. Iron formation intercalated with amphibolite-garnetiferous cherty cm to .2' interbands <5%.
96.0	116.0	(AMPHIBOLITE BANDED) Similar to previous. Trace cord? in epidote-garnet bands. 104.0 - 116.0 Weak finely cross fractured, white coatings. Serpentinized black fine banding.
116.0	124.0	(QUARTZ-BIOTITE-GARNET BANDED SECTIONS) Grey black, biotite banded +/- fine to medium grained granular aggragates, garnet streaky cm X .5mm patches to 30%/.5' 60% of unit. 121.0 - 122.0 Epidote-garnet-trace Po-magnetite .2' bands + margins, garnetiferous.
124.0	143.0	(QUARTZ-BIOTITE-GARNET BANDED + BANDED AMPHIBOLITE SECTIONS) 30% of unit fenely patchey banded epidote-plag banded amphibolite, greenish with pale epidote rich patches +

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	31.00	31.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
31.00	34.00	3.00	6459	62	TRACE	26	0.6	264	1.67	14
34.00	36.00	2.00	6460	386	TRACE	33	0.7	210	1.62	35
36.00	136.00	100.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
136.00	138.00	2.00	6461	139	2	28	0.9	235	1.65	37
138.00	141.50	3.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB138

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		garnets. Well foliated, banded. Trace Po in epidote-plag lenses. Alteration fo mafic? Narrow, 1-3' sections in sections in quartz-biotite-garnet schist variable; occ. epidote hornblende cm bands to 4 sections 40% banded amphibolite sections. 128.0 - 130.0 Very fine grained quartz-biotite trace garnet schist; felsic tuff. 124.0 - 128.0 Increase size, %, of epidote-mafic rich sections. 130.0 - 136.0 Coarser grained clots of epidote-magnetite increased garnets 70% of unit. 20% epidote bands streaks 136.0 - 138.0 Epidote-hornblende rich subrounded epidote plag lenses; rolled? Trace Po. 138.0 - 144.0 Increased abundancy of garnet, clot size to cm 2. 137.0 Black mineral; almandine, biotite.											
143.0	149.0	(QUARTZ-BIOTITE-GARNET SCHIST) Garnet-quartz-biotite sections, + epidote-hornblende banding. Fine to coarse grained garnet 50% of section. Occassional cm to .5cm minor epidote-hornblende bands, garnet. Tectonized. 147.0 - 148.0 Increased quartz content, yellowish epidote altered at 148.'. 148.- - 149.0 Po in cross fractures.	141.50 145.00	145.00 148.00	3.50 3.00	6462 6463	82 46	5 1	37 35	0.7 0.7	679 1354	4.50 8.92	137 113
149.0	180.0	(MINERALIZED ZONE) Po massive sulfide sections + quartz-garnet-biotite-Po/ epidote-hornbleende banding. Highly tectonized? Banded at 60-70 to C.A. Po-sulfide breccia fine grained textured banding. Streaky cm banding to 2.5' sulfide breccia section. Total Po 40%. Sulfide brecciated sections in fine to coarse grained garnet rich, quartz rich schist. Epidote, hornblende as occassional20% cm bands 1' banded sections, with occassional epidote-plag fine clots cm-mm size; Relict textured iron formation deformed. Dark green epidote-hornblende bands with slight paler epidote-plag bands, trace Po. 149.0 - 150.0 Garnet-quartz-biotite/epidote-hornblende banded. Po 20%. 150.0 - 152.5 Po sulfide breccia fine grained clasts, euhedral epidote, plag crystals distributed in lenses	148.00 150.00 152.00 154.00 156.00 159.00 162.00 165.00 168.00 171.00 173.00	150.00 152.00 154.00 156.00 159.00 162.00 165.00 168.00 171.00 173.00 176.50	2.00 2.00 2.00 2.00 3.00 3.00 3.00 3.00 3.00 2.00 3.50	6464 6465 6466 6467 6468 6469 6470 6471 6473 6474 6475	62 181 118 57 77 29 46 65 31 47 38	15 29 19 7 9 12 17 19 13 7 11	30 75 68 32 59 34 52 48 57 47 58	0.6 1.0 0.5 0.5 0.2 TRACE 0.5 0.5 0.6 TRACE 0.3	1478 1218 1433 2396 1526 1504 1961 2493 2253 2567 1712	10.35 32.36 26.35 11.74 19.24 11.84 19.33 20.63 22.44 17.50 11.07	57 449 44 34 192 21 137 108 191 229 428

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB138

FROM	TO	LITHOLOGICAL DESCRIPTION
		epidote-plag to 152.0'. Gradational to laminated Po brecciated chert banded. Epidote bands. 152.5 - 154.0 Po 50% to 6' Po massive sulfide, sulfide breccia in epidote-chert-garnet-plag schist brecciated. 154.0 - 161.0 Garnet rich section, Po, epidote-hornblende banding magnetite contorted foliation, Po 25%. Trace sillimanite? clear, fibrous as X .5 cm. 160.0 - 162.0 Chert banding, garnet-epidote, Po 10% in epidote-garnet schist crystal aggs. 162.0 - 168.0 Epidote/garnet/epidote+Po/magnetite disseminated in garnet. Banded. Garnet rich. Po 30% Yellowish minor alteration of epidote bands. 167.0 + Traces graphite. 168.0 Epidote altered, yellow-fibrous minor, plag, magnetite Weakly brecciated textured. Epidote greenish banded, chert, fine grained garnet, change to epidote-altered plag. 15% Po, graphite disseminated schist, epidote-chert-plag banded graphite, Po cross banding 172.0 - 175.0, graphite mass cm cross band. 177.0 - 178.5 Cherty grey, black bands, Po, graph in garnet-biotite-quartz sections. 178.0 - 180.3 Garnet, quartz/epidote bands, trace Po.
180.0	193.7	(PO - MASSIVE SULFIDE) Sulfide breccia, Po rich, sharp contacts. irregular distributed clasts? banding cherty-clasts. Epidote-plag fine grained, rounded clasts, garnet-quartz-biotite brecciated schist sections. 180.3 - 187.0 Epidote, plag clastic material? garnet, foliated 187.0 - 188.0 Po, cherty clasts sulfide breccia non foliated 188.0 - 193.7 Brecciated-chert-graphite-biotite, greyish bands well foliated 30-40 to C.A. + sections Po, chert, epidote-plag fine grained clasts sulfide breccia .2',2.3' sections. 191.5 - 193.7 Po-chert-brecciated sulfide breccia.
193.7	208.5	(CHERT-BANDED PO,GRAPHITE) 193.7 0 - 196.0 Greyish chert, Po, graphite, biotite Po 15%, graphite 25% . 196.0 - 204.0 Quartz medium grained rich flooded, banding 10% in medium grained sections, minor fine grained chert, trace eipdote bands, Po.

ASSAYS

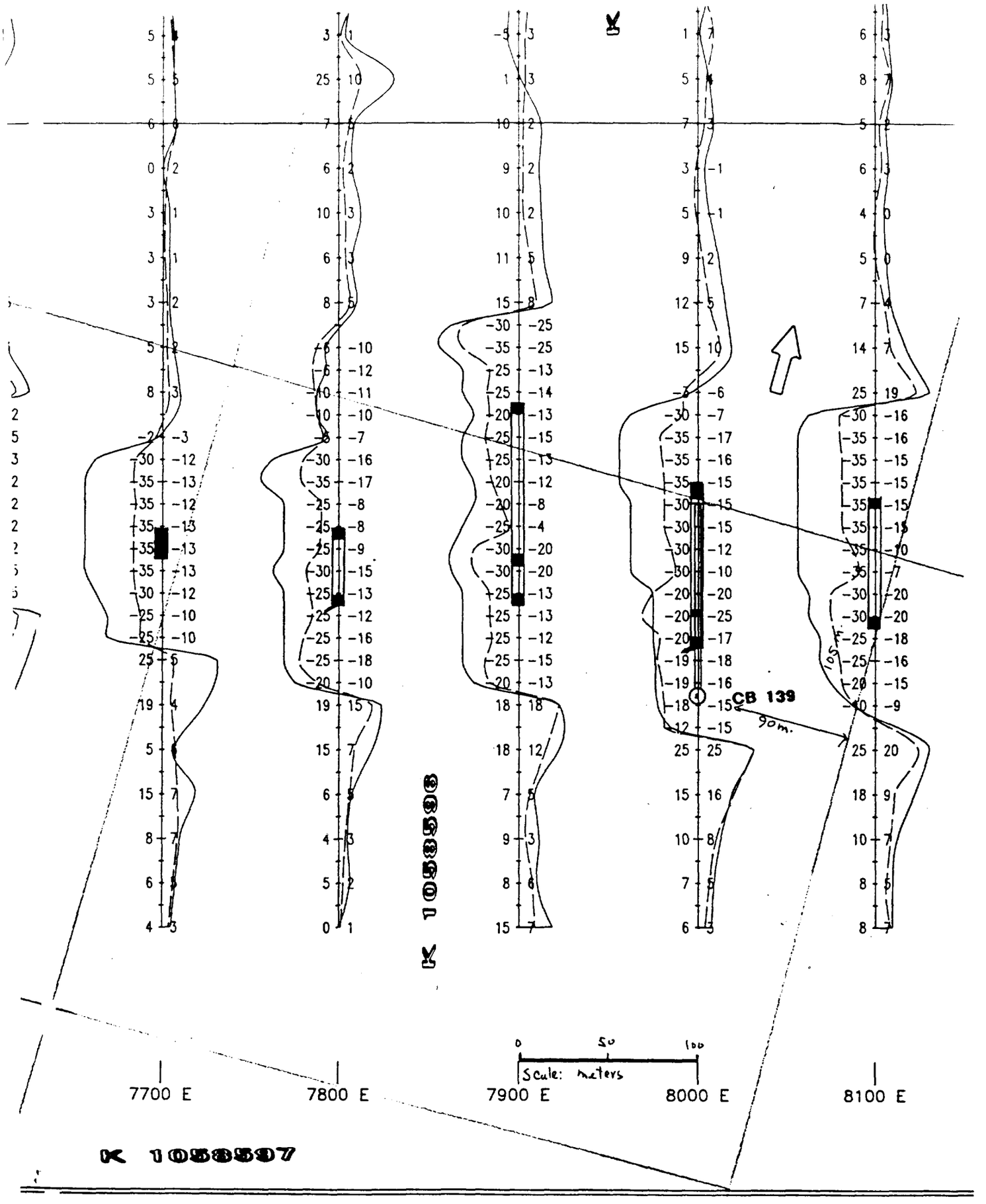
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
176.50	180.30	3.80	6476	130	19	141	0.8	1378	31.82	20
180.30	183.00	2.70	6477	126	14	120	0.7	1492	30.69	100
183.00	186.00	3.00	6478	160	14	76	0.6	1031	32.45	12
186.00	188.00	2.00	6479	147	12	76	0.6	744	29.12	1800
188.00	190.00	2.00	6480	126	18	73	0.6	898	26.67	2797
190.00	191.50	1.50	6481	195	26	78	0.7	488	33.54	233
191.50	193.70	2.20	6482	56	2	34	0.2	625	11.91	150
193.70	196.00	2.30	6483	60	9	34	TRACE	971	12.64	54
196.00	198.00	2.00	6484	21	2	11	0.4	346	3.88	576
198.00	201.00	3.00	6485	23	TRACE	16	TRACE	418	4.70	678
201.00	203.00	2.00	6486	41	TRACE	21	0.2	428	6.19	120
203.00	205.00	2.00	6487	30	3	50	TRACE	588	6.28	118
205.00	208.50	3.50	6488	107	5	142	TRACE	920	17.12	24

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB13B

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		204.0 - 208.5 Po-graphite minor medium grained quartz bands weakly clastic textured greyish-oval clasts in black-chert-graphite-Po-biotite. Sharp contact.											
208.5	215.0	(GARNET-BIOTITE-QUARTZ, FINE GRAINED QUARTZ-BIOTITE BANDED SCHIST) Minor Py banding. Garnet rest'd to dark banding. Change in garnet from 40% bands to traces to 212. Change in colour; paler grey. Quartz rich weak black serpentinized bands. Sediments: 214.0 Traces Po banding.	208.50 210.00	210.00 214.00	1.50 4.00	6489 N.S.	114 N.S.	3 N.S.	106 N.S.	0.3 N.S.	373 N.S.	6.66 N.S.	84 N.S.
215.0	217.3	(QUARTZ-BIOTITE-PO-EPIDOTE BANDED SCHIST) Pale green-brown biotite-Po finely banded. Uniform colour texture. Epidote-plag weak clasts textured? Po-chert, epidote, plag cm-mm banding 20%. Sharp contacts.	214.00	217.30	3.30	6490	77	9	59	0.2	490	8.52	128
217.3	220.7	(QUARTZ-BIOTITE SCHIST MINERALIZED) Quartz-biotite schist + Po-chert, plag-epidote sulfide breccia .2'-1.5' Po sulfide breccia banding in brecciated 30% cherty pebbles. Grey quartz-biotite finely banded schist, gradational to finely laminated quartz-biotite-Po-chet. Fine grained clastic textured quartz-biotite schist.	217.30	220.00	2.70	6491	291	TRACE	89	0.2	826	23.74	73
220.7	282.0	(QUARTZ-BIOTITE SCHIST) Quartz-biotite, biotite-garnet-cordierite-sericite-sillimanite very fine grained schist. Banded crudely. Grey-black pink spotted bands with occassional greenish in epidote bands. Weak serpentinized cross fractures. Mm to cm to 1.5' garnetiferous sections 10-20% fine to medium grained garnet epidote banding occassional cm 1% in garnet-biotite bands. 282.0 EOH	220.00	222.00	2.00	6492	130	5	80	0.3	387	8.81	67


CB 139
90m.
105m.
0 50 100
Scale: meters
7700 E
7800 E
7900 E
8000 E
8100 E
K 1058587
K 1058587

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB139
Collar Eastings: 8000.00
Collar Northings: -320.00
Collar Elevation: 0.00
Grid: Grid I

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 507.00 feet

Logged by: P. Barr
Date: Feb. 27-28, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
0.0	34.0	(CASING)											
34.0	39.0	(GABBRO) Fine grained, uniform, non banded, weakly foliated.											
39.0	130.0	(AMPHIBOLITE BANDED) Weakly banded epidote-plag, uniform, 10% banding, banding 40-50 to C.A. Minor finely banded iron formation section. Trace garnet banding. Trace Po in epidote-plag bands. Sections streaky-patchey epidote-plag-biotite banded. 90.0 - 122.0 White cross fractured quartz rich sections, fine banded epidote-plag. Pale green-brown banding-alteration? 122.0 - 130.0 Altered; silicified. 122.0 - 125.0 Silicified, biotite, grey-black. 126.0 - 130.0 Garnetiferous, magnetite, Po 127.0 - 130.0, epidote rich, greenish colour, silicified sections.	0.00	130.00	130.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
130.0	141.0	(SILICIFIED, MINERALIZED ZONE) Garnets, mafic schist, Po, Py banding, minor cherty sections, minor Po-sulfide breccia section. 130.0 - 134.0 Amphibolite, garnetiferous, Py, Po-chert-brecciated banded sections, Po <20%, Py, black serpentinized buds. Finely cross fractured quartz coated. 133.4 - .6' Po massive sulfide, sulfide brecia. 134.0 - 14[illegible] Po-sulfide-breccia, Py-chert-brecciated sections. Medium grained quartz flooded brecciated sections, Schistose, massive graphite sections over 1'. Garnetiferous sections. 134.0 - 136.0 Po 50%, Py 50%. Po, Py massive sulfide sections. 136.0 - 139.0 Brecciated, laminated sections, massive graphite bands. Po 10%, Py 10%, graphite 30%. 139.0 - 141.0 Laminated, chert white Po-Py-graphite.	130.00 133.00 136.00 138.00	133.00 136.00 138.00 141.00	3.00 3.00 2.00 3.00	6514 6515 6516 6517	39 94 65 80	12 26 26 24	65 120 144 102	0.5 0.3 0.2 0.4	1676 2278 2402 2524	5.74 15.79 13.35 11.42	97 56 57 114
141.0	202.7	(QUARTZ-BIOTITE-CORDIERITE-SERICITE-SILLIMANITE) Fine grained banding; ca to .2' sections quartz rich, sericite, sillimanite/ grey-brown-pink speckled sections; .10%. Greenish epidote rich ca bands. Alteration of mafic unit?	141.00 176.00 179.00 180.00 183.00	176.00 179.00 180.00 183.00 186.00	35.00 3.00 1.00 3.00 3.00	N.S. 6518 6519 6520 6521	N.S. 174 225 130 178	N.S. 12 17 11 12	N.S. 101 64 72 64	N.S. 0.4 0.6 0.6 0.6	N.S. 365 723 474 246	N.S. 5.45 26.11 4.87 3.83	N.S. 49 24 64 45

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB139

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		Traces Py on foliation planes. 178.0 - 179.0 Traces Py, serpentinized fractures, bands. 179.3 - 180.0 Po-epidote sulfide breccia; fine grained Po 50%. Conductor. 181.3 - 182.5 Broken core, shear, serpentinized. 180.0 - 183.0 Banded amphibolite epidote-plag-biotite green/white biotite banded. 196.5 - 202.7 Granite pegmatite, medium grained, white foliated, garnets, .3' assimilated xenoliths											
202.7	231.8	(AMPHIBOLITE BANDED) Weakly, biotite.											
231.8	240.0	(GRANITE PEGMATITE) Pink, fine to coarse grained, garnets, weak foliated, biotite banded margins .4 assimilated bioitite xenolith.											
240.0	248.0	(AMPHIBOLITE BANDED) Similar to previous.											
248.0	255.0	(QUARTZ-BIOTITE SCHIST) Quartz-biotite-sericite-sillimanite-garnet schist. Grey/black-pink speckled banding; cm to .2' scale. Epidote green bands ,cm. 251.0 - 255.2 Magnetite in bands in chert-epidote brecciated schist. Trace Po in .5cm band. Garnet increase 10% to 40%.	186.00	251.00	65.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
255.0	268.2	(AMPHIBOLITE BANDED GARNETS) Grey quartz banded sections, black hornblende rich. Green epidote banding. 257.0 - 261.0 Minor garnets. 261.0 - 268.2 Garnetiferous sections, grey, quartz-biotite banding)epidote, hornblende banding. Cherty 1-2' sections.	251.00	255.20	4.20	6522	140	20	58	0.2	1802	8.68	24
268.2	288.2	(AMPHIBOLITE BANDED WEAK GARNETIFEROUS) Weak garnetiferous sections to 275.0. Change from grey-black hornblende rich amphibolite to greenish, epidote rich unit. Epidote-plag mm streaky bands, change to cm banding black serpentinized banding, quartz Traces Py in epidote, serpentinized banding 282.-283., 285.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB139

FROM	TO	LITHOLOGICAL DESCRIPTION
288.2	289.0	(GRANITE PEGMATITE) Pink, medium grained foliated.
289.0	296.0	(AMPHIBOLITE BANDED) Minor garnets, cherty, magnetite bearing sections, cordierite? Epidote-plag +/- garnet lenses +/- Po. 289.0 - 295.0 Change: 20-40%, to <20%.
296.0	304.0	(AMPHIBOLITE BANDED) Minor fine grained garnets Po; to 10%/.2' in epidote-plag lenses. Traces magnetite.
304.0	342.0	(AMPHIBOLITE BANDED) Amphibolite banded, garnetiferous, chert-magnetite sections. Iron formation related unit? Total magnetite 5%, Po 1-2%. Sections .2' + 20-30% magnetite mm bands. Sections green epidote-hornblende garnet +/- magnetite bands. 319.0 - 322.0 Sections quartz-biotite greyish-brown, no magnetite. Minor epidote-garnet greenish bands. 336.7 - 337.8 Same as above.
342.0	345.5	(IRON FORMATION + AMPHIBOLITE BANDED) Magnetite rich, cherty, garnets, magnetite >30%, inter- calated with epidote-hornblende-garnet amphibolite.
345.5	360.8	(AMPHIBOLITE BANDED) Garnetiferous sections. Patchey epidote-plag +/- traces Po, to 25% bands epidote- plag, 357.5 - 359.0 Po, garnet bands. Sections greyish quartz rich, minor.
360.8	363.2	(GRANITE PEGMATITE) Pink, fine grained.
363.2	364.0	(AMPHIBOLITE BANDED) As above, minor garnets, Po.
364.0	371.0	(AMPHIBOLITE BANDED) Minor garnet-epidote bands.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
255.20	341.00	85.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
341.00	346.00	5.00	6523	259	10	65	0.1	2632	16.09	112
346.00	351.00	5.00	6524	133	TRACE	28	TRACE	1194	4.50	43
351.00	356.00	5.00	6525	119	10	17	0.3	787	2.00	45
356.00	360.80	4.80	6526	207	13	36	0.4	1200	5.69	159

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB139

FROM	TO	LITHOLOGICAL DESCRIPTION
371.0	382.5	(AMPHIBOLITE BANDED) Pillowed metavolcanic, minor epidote-plag with spaced bands. Biotite bands.
382.5	402.0	(AMPHIBOLITE BANDED) Finely banded, epidote-plag +/- Po, traces garnets, serpentinized bands. .5' bands +/- Po to 10-20% mm bands.
402.0	403.0	(GRANITIC PEGMATITE)
403.0	409.3	(AMPHIBOLITE BANDED - MINERALIZED) Amphibolite banded + Po-sulfide breccia + iron formation sections. 403.0 - 403.3 Po massive sulfide - sulfide breccia, epidote,plag crystals. 403.0 - 405.8 Chert-magnetite - iron formation, epidote, hornblende banding. Green-black-white banded, magnetite 20% 405.8 - 408.0 Quartz rich, green K-feldspar, granitic alteration 30%. 407.0 - 408.0 Garnets. 408.0 - 408.4 Po, magnetite/chert-sulfide breccia textured section. 408.4 - 409.3 Biotite, epidote, chert banded. Granitic green stained .2' cm bands. Contact margin granitic pegmatite.
409.3	412.1	(GRANITE PEGMATITE) White, coarse grained.
412.1	415.0	(AMPHIBOLITE BANDED) Chert-biotite 1' finely banded section.
415.0	507.0	(AMPHIBOLITE BANDED) Sections chert-magnetite banded, epidote-plag banding. 423.1 - 424.3 Chert-magnetite 20%/ epidote/hornblende mm - cm bands, trace Po. 429.7 - 430.5 Same as above. 434.2 - 434.3 Same as above. 455.0 - 459.0 Gabbro dike.

ASSAYS

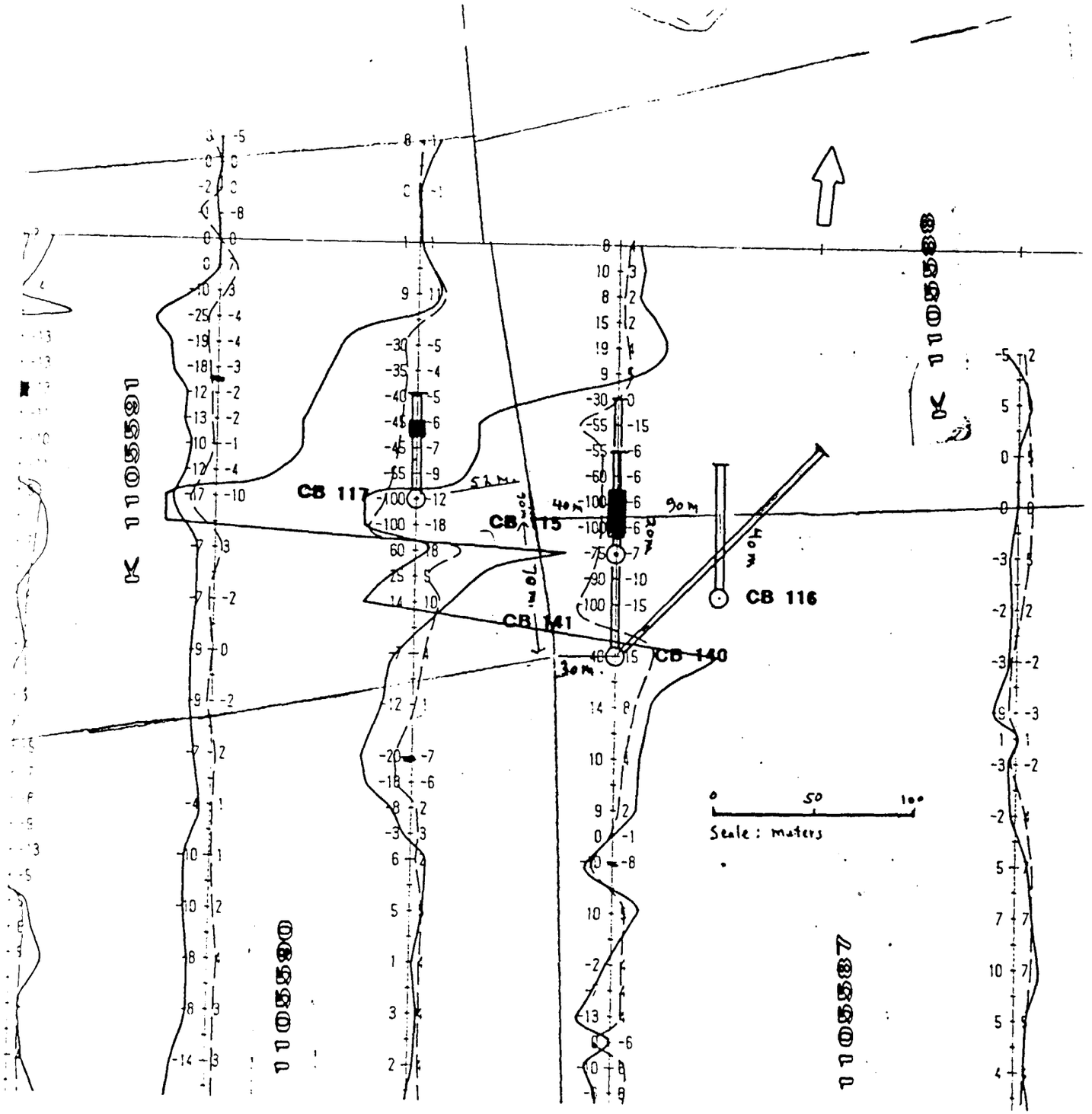
FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
360.80	382.60	21.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
382.60	386.50	3.90	6527	63	11	39	0.1	1176	5.98	58
386.50	389.50	3.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
389.50	391.00	1.50	6528	91	TRACE	33	0.2	1328	8.35	14
391.00	396.00	5.00	6529	39	3	24	0.4	946	4.23	4
396.00	398.60	2.60	6530	73	2	34	0.1	1194	8.77	7
398.60	400.50	1.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
400.50	402.10	1.60	6531	66	1	44	TRACE	1288	6.73	10
402.10	403.00	0.90	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
403.00	404.40	1.40	6532	141	TRACE	75	0.2	1339	20.27	478
404.40	406.00	1.60	6533	17	12	55	TRACE	1884	16.91	26
406.00	408.00	2.00	6534	29	8	87	TRACE	3296	14.77	54
408.00	409.30	1.30	6535	469	15	151	0.2	2418	15.92	101
409.30	507.00	97.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB139

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		459.0 - 459.8 Granite pegmatite pink, trace Py-magnetite medium grained blebs on cross fractures.											
		507.0 EOH											


CB 117
CB 115
CB 141
CB 140
CB 116
0
50
100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB140
Collar Eastings: 8500.00
Collar Northings: 100.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 45.00
Final Depth: 676.00 feet

Logged by: P. Bare
Date: Feb. 17-19, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	14.0	(CASING)
14.0	36.3	(GABBRO) Greenish black, fine grained, weak white, fine grained plag speckled. Weak foliation near 0 to C.A. Sections cm epidote-plag rich bands near 0 to C.A. trace Po.
36.3	66.6	(GRANITE PEGMETITE) Pink, fine grained, coarse grained to pegmetite sections biotite rich. Moderately foliated at 50-60 to C.A. Lower contact at 10-20 to C.A. biotite rich. Minor biotite-garnet banded .2' sections; assimilated xenolith.
66.6	101.0	(GABBRO) Similar to previous. Slight medium grained inhomogenous grain sulfide sections, minor iotite banded sections. 66.6 - 81.0 Epidote-plag +/- Po cm banding to .3'.
101.0	125.4	(AMPHIBOLITE BANDED) 10% epidote-plag, trace Po bands in fine to medium grained hornblende-epidote schist. 112.0 - 115.0 Quartz, biotite rich amphibolite. increased banding towards 125.4; at 0-10 to C.A.
125.4	130.0	(GRANITE PEGMATITE) Fine grained pink, minor coarse grained .5' section, biotite Foliated at 40-50 to C.A.
130.0	148.6	(AMPHIBOLITE BANDED) Similar to previous. Biotite speckled near lower 3', slight increase in grain size near margins. Well foliated, 5% cm banding epidote-plag +/- at 30-40 to C.A.
148.6	160.6	(GRANITE PEGMATITE) Coarse grained, pink-white biotite, minor fine grained sections, biotite. 1/' assimilated mafic; biotite-hornblende xenolith. Weakly foliated at 40 to C.A. 148.6 - 151.0 Minor Po.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB140

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
									ASSAYS				
		159.7 - 160.6 Biotite-hornblende schist; .2' granite pegmatite, contact, margin, Py, Po.											
160.6	187.2	(GABBRO) Foliated, minor biotite, epidote-plag banding. Foliated 40-50 to C.A. Traces Po in epidote-plag bands. 186.0 - 187.2 Biotite banding 2-.2' granite pegmatite.											
187.2	193.5	(GRANITE PEGMATITE) Fine grained, pink, similar to previous, weak K-feldspar porphyrite textured. Biotite rich. Lower contact at 20 to C.A.											
193.5	218.5	(GABBRO) Similar to previous. foliated at 40-50 to C.A., 5-10% epidote-plag banding. Traces Po in epidote cm to .1' bands; 201.0 Minor 1' section quartz, biotite rich.											
218.5	229.5	(GRANITE PEGMATITE) Fine to medium grained, pink biotite, weak K-feldspar medium grained prophyritic textured. Minor coarse grained pegmatitic section.											
229.5	251.4	(GABBRO) Similar to previous; minor patchey epidote-plag cm to .2' banding. Slight increased Po banding: 1%. Minor; 1' granite pegmatite, biotite banded margins. 236.3 Greenish-beige granitic alteration along fracture.											
251.4	257.7	(GRANITE PEGMATITE) Medium grained, pink-white, uniform, weak foliation at 50 to C.A. Traces Py in fractures near contact margins. Minor fracturing 50 to C.A.											
257.7	275.0	(GABBRO) Similar to previous. Biotite banding near margins, epidote-plag banding; near 0 to C.A. in sections. Trace Po as banding Minor fractures at 50 to C.A.											
275.0	312.0	(GRANITE PEGMATITE) Porphyritic medium grained granodiorite; similar to 218-229'. Biotite, weak banding at 40-50 to C.A. Trace garnets fine grained 1' coarse grained pegmatite section.											
312.0	326.0	(GABBRO)											

CHAMPION BEAR RESOURCES LTD.

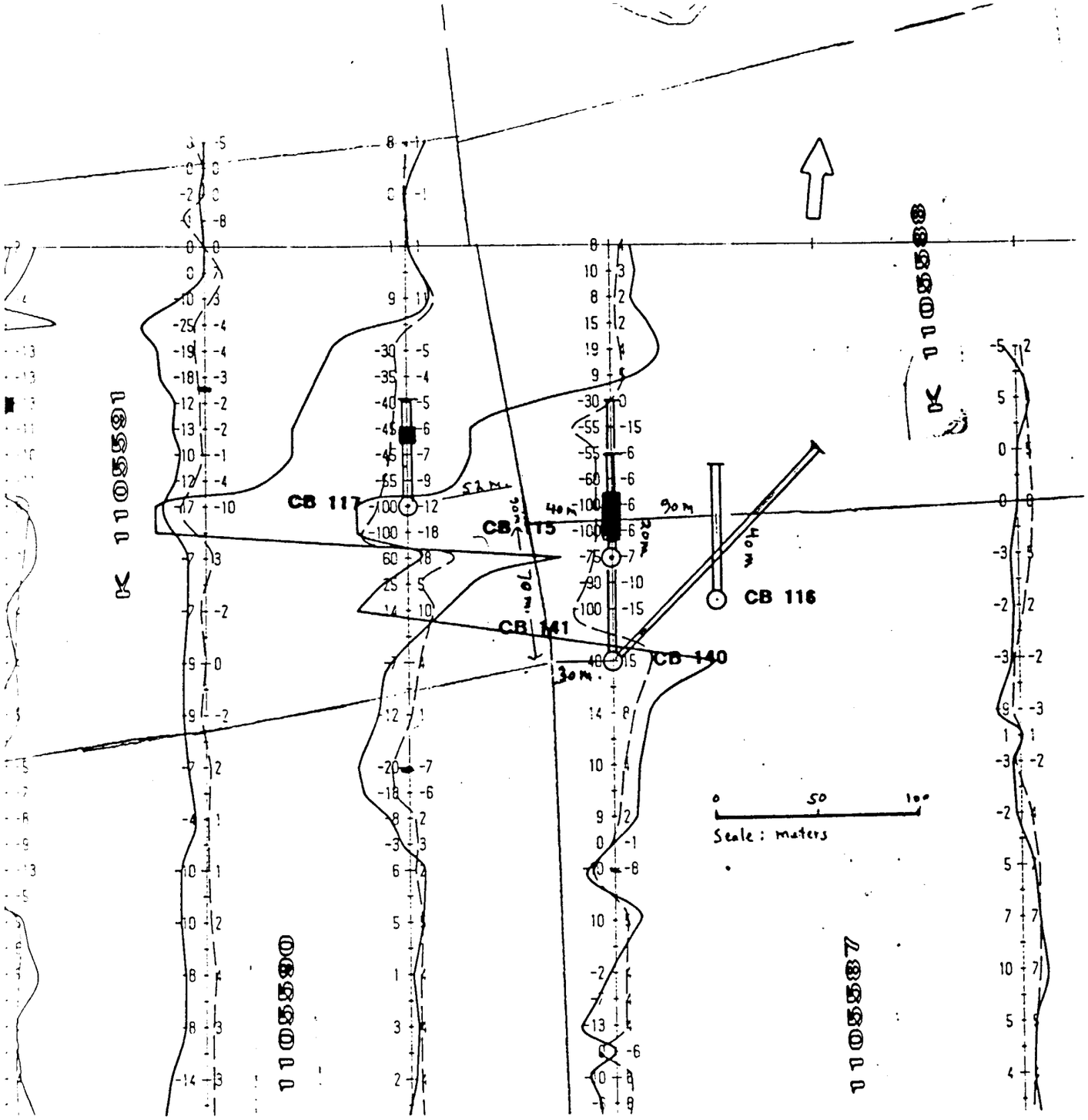
DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB140

FROM	TO	LITHOLOGICAL DESCRIPTION
		Similar to previous.
326.0	347.5	(GRANITE PEGMATITE) Fine grained, uniform, weak porphorite K-feldspar medium grained textured. Similar to previous. Garnet biotite bands near 347.5 at 60 to C.A.
347.5	368.0	(AMPHIBOLITE BANDED + GABBRO SECTIONS) 347.5 - 356.0 Amphibolite banded, garnet, coarse grained cm aggragates 20%, trace Po. 356.0 - 361.0 Gabbro, 0-20 to C.A. 361.0 - 368.0 Amphibolite banded, garnet epidote-plag Po 10% 40 to C.A.
368.0	424.0	(GABBRO) Foliated, uniform, biotite rich sections near granite pegmatite 2-3' dikes. 409.0 - 424.0 Biotite rich, 20%.
424.0	437.0	(GRANITE PEGMATITE) Pink, fine grained, foliated 50 to C.A.
437.0	448.0	(AMPHIBOLITE BANDED) Minor epidote-plag, quartz-biotite bands, + minor garnet-hornblende bands.
448.0	502.0	(QUARTZ-BIOTITE SCHIST - WEAKLY PO-PY MINERALIZED) Felsic tuff; grey, fine grained, quartz-biotite schist, trace garnets, foliat folding. Biotite-garnet-epidote banded sections. Po disseminated, bands, cm cross bands total 15% minor Py Streaky grey-biotite-Po speckled sections. 448.0 - 475.0 Po 15%. 474.0 - 475.0 Granite pegmatite foliated, nose of fold. 475.0 - 502.0 Trace Po.
502.0	571.0	(AMPHIBOLITE BANDED) 502.0 Garnet margin. Epidote-plag-Po-Py banded, Po cross bands. mm. Granite pegmatite 2-1'. 556.0 Quartz banding 5%. 571.0 EOH

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	454.00	454.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
454.00	459.20	5.20	8000	48	13	85	0.1	685	3.95	179
459.20	465.00	5.80	8001	288	9	248	0.9	530	10.30	30
465.00	470.00	5.00	8002	190	5	1596	0.9	620	7.01	27
470.00	473.00	3.00	8003	51	18	106	0.4	511	4.00	12
473.00	475.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
475.00	480.00	5.00	8004	62	21	79	0.5	522	3.85	7
480.00	486.00	6.00	8005	42	8	75	0.2	513	3.35	6


CB 117
CB 115
CB 141
CB 140
CB 116
0
50
100
Scale : meters

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB141
Collar Eastings: 8500.00
Collar Northings: 100.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 586.00 feet

Logged by: P. Barc
Date: Feb. 20-23, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	13.0	(CASING)
13.0	22.5	(GABBRO) Greenish black, fine grained, foliated at 30 to C.A. Whitish plag ma streaky bands trace biotite .
22.5	76.3	(GRANITE PEGMATITE) Pink, biotite, fine grained. 41.0 - 59.0 Coarse-grained, quartz, muscovite, highly finely fractured at 50 to C.A., rusty, black coated biotite
76.3	102.5	(GABBRO) Similar to previous. Epidote-plag contorted banding near 0 to C.A.
102.5	115.5	(GRANITE PEGMATITE) Coarse grained, fine grained, biotite.
115.5	142.0	(GABBRO) Change to foliated at 50 to C.A. Contorted foliated section
142.0	165.0	(GABBRO + GRANITE PEGMATITE) 10% fine grained granite pegmatite, biotite margins
165.0	190.5	(GABBRO) Minor epidote-plag lenses. Foliated 70 to C.A. 169.0 - 175.5 Granite pegmatite.
190.5	206.0	(AMPHIBOLITE BANDED, GARNETS) Xenolith in gabbroic unit. Garnet banding .5' along margins, contorted foliation 20% to C.A. Banding; epidote, plag, Po 10-20% patchey banding. Magnetite occassional banded cm sections 5%.
206.0	271.0	(GABBRO) Foliated, contorted sections. Sections 4' + 2' biotite-garnet-epidote-plag rich; mafic xenoliths. 255.0 Trace Cpy in epidote-plag band.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB141

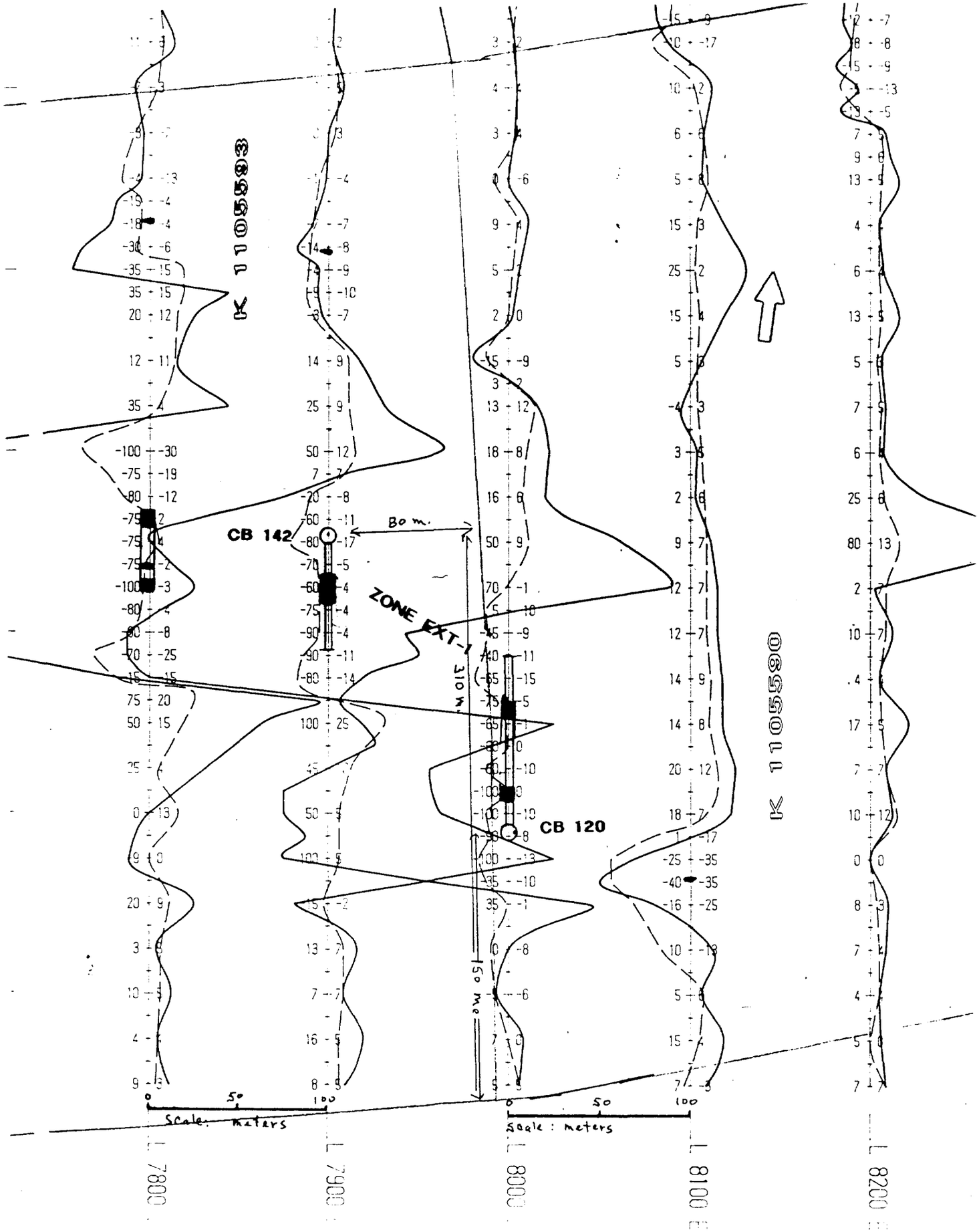
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
			ASSAYS										
271.0	286.0	(GRANITE PEGMATITE) Fine grained, pink, weak foliated; biotite; at 70 to C.A.											
286.0	333.0	(GABBRO) 321.0 - 333.0 Amphibolite-garnet-Po, trace magnetite, xenolith.											
333.0	352.0	(GRANITE PEGMATITE) Pink, fine grained, biotite, trace garnets, xenoliths.											
352.0	430.0	(GABBRO) Change to foliated at 45 to C.A. Biotite banding, trace Po. Minor granite pegmatite; 1', 3'.											
430.0	442.0	(AMPHIBOLITE BANDED; WEAK GARNETIFEROUS) Minor garnets, epidote-Po banding.											
442.0	499.5	(GABBRO) Medium to coarse grained, hornblende speckled. Foliated 50 to C.A. Contorted foliation sections, biotite banded; assimilated mafic xenoliths. 3' granite pegmatite.											
499.5	511.0	(AMPHIBOLITE, GARNETIFEROUS) Epidote-plag +/- Po lenses. Fine to coarse grained garnet banding; top 5' minor .5' bands to 25%. Gabbroic pods - cm to .1' in size.											
511.0	514.5	(FELSIC TUFF) Fine grained, quartz-biotite schist, trace Po, foliated at 30 to C.A.	0.00	512.80	512.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
			512.80	514.50	1.70	8017	138	6	123	0.2	588	4.53	18
514.5	517.8	(GRANITE PEGMATITE) Pink, medium grained, sharp contacts. Trace Po lower .2'.	514.50	517.70	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
517.8	535.5	(PO-SULFIDE BRECCIA SECTIONS) Po-sulfide breccia sections 70% chert banded, brecciated sections; chert-Po, graphite, biotite, banded, variably brecciated, Po cemented, Zns weakly mineralized. Central zone - Po sulfide breccia, cherty + chert-banded clasts, traces Zns in fine grained cherty clasts within sulfide breccia unit. Zns concentrated in brecciated-chert sections, in Po, rimming clasts. Accretionary textured clasts with Zns	517.70	519.40	1.70	B018	621	9	1945	1.2	363	24.73	37
			519.40	521.20	1.80	8019	519	4	3655	0.7	341	21.57	38
			521.20	522.70	1.50	B020	229	8	2796	0.5	711	10.44	23
			522.70	525.00	2.30	B021	606	9	3706	2.0	335	27.86	63
			525.00	527.00	2.00	B022	1102	14	3333	2.1	319	28.53	69
			527.00	529.00	2.00	B023	896	8	2798	1.3	264	31.65	49
			529.00	531.50	2.50	B024	725	6	3330	1.5	262	28.31	59
			531.50	533.00	1.50	B025	1295	15	2988	2.7	296	27.29	79

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB141

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
						ASSAYS							
		rims - mm sized. Traces Cpy. 518.0 - 523.0 Chert-brecciated, Po 60%, minor .2' accretionary textured fragments, Ins. 521.0 Ins 5%/.2'. 522.0 Trace sillimanite. 523.0 - 535.5 Po sulfide breccia; Po 70%; Minor chert banded fragments. Deceased grain size fragments to fine grained cobble size to 529. Trace Ins, in fine grained to coarse grained cherty clasts. Trace Cpy within Po matrix. 533.0 - 535.5 Granite pegmatite, fine grained, weak Po mineralized, trace Cpy.											
535.5	564.0	(GRANITE PEGMATITE) Fine grained, greenish-pink; gradational to fine grained, uniform, pink, foliated 50 to C.A., biotite, trace garnet. 535.5 Traces Po, Py, Cpy.	533.00	536.00	3.00	B026	B27	9	2419	1.6	147	21.25	113
564.0	585.0	(GABBRO) Greenish, fine white epidote-plag banding, 40 to C.A. Fine white quart cross banding. No visible sulfide.											
585.0	586.0	(GRANITE PEGMATITE) Fine grained, pink, similar to previous. 586.0 EOH	536.00	586.00	50.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.


K 110553
K 110590
CB 142
CB 120
ZONE EXT-1
80 m.
310 m.
150 m.
Scale: meters
Scale : meters
L 7800
L 7900
L 8000
L 8100
L 8200

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB142
Collar Eastings: 7900.00
Collar Northings: -245.00
Collar Elevation: 0.00
Grid: Grid Ext

Collar Inclination: -45.00
Grid Bearing: 180.00
Final Depth: 296.00 feet

Logged by: P. Barr
Date: Feb. 24-27, 1992
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	12.0	(CASING)
12.0	70.0	(QUARTZ-BIOTITE-GARNET SCHIST) Aluminous alteration. Black, fine grained, banded quartz-biotite fine to medium grained garnet 20% disseminated. Traces pyrite gradational to black-grey cm to 1' laminations; quartz-sericite-sillimanite, 10% well foliated at 60 to C.A. Occassional quartz rich, epidote, Po cm bands. +/- traces Aspy. Occassional Po banding in quartz rich sections. 69.0 - 70.0 Quartz, Po biotite, trace Aspy. Garnetiferous schist .2' lenses; tectonic fragments.
70.0	125.0	(QUARTZ-BIOTITE-GARNET SCHIST) Quartz-biotite-garnet schist, weakly mineralized; amphibolite banded sections. divided into sections, sharp contacts. Quartz-biotite-garnet/quartz banded; black-grey banded; minor epidote-Po cm bands. Silicified zones, cherty, Po, graphite mineralized. Garnet ranges from traces to 50%/1-2'. Amphibolite banded; minor sections green-grey-black hornblende-quartz, epidote, traces Po in epidote-plag lenses. 70.0 - 78.0 Po 5%, .2', .5' sections to 40%. 101.0 - 106.0 Amphibolite banded, trace Po, cherty bands, Po-graphite-chert-breccia .1' band. 105.0 - 109.0 Quartz rich, brecciated sections, mm Po bands, graphite. Po sulfide breccia sections - cross bands; .2' X 2', fine grained, trace Aspy.
125.0	144.3	(CHERT BANDED SECTIONS) Chert, graphite, Po banded 15%, minor biotite greyish-black banded. Variably brecciated, Po cemented to > 20%. Intercalated with 2-1' Po 70%, fine grained sulfide breccia sections, traces Cpy. Minor amphibolite banded section. 125.0 - 126.6 Po-sulfide breccia, coarse grained, fine grained cherty clasts. 126.6 - 127.2 Amphibolite banded, epidote-plag-quartz bands, Po, trace garnets. 127.2 - 129.2 Po, sulfide breccia, trace Cpy, epidote clasts.

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.00	57.50	57.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
57.50	59.50	2.00	8027	264	TRACE	110	1.2	690	8.05	154
59.50	67.50	8.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
67.50	70.00	2.50	8028	382	4	101	2.4	751	14.21	1673
70.00	76.50	6.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
76.50	78.30	1.80	8029	114	TRACE	86	0.5	717	9.39	556
78.30	82.00	3.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
82.00	84.00	2.00	8030	241	TRACE	117	0.3	1014	13.45	529
84.00	101.00	17.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
101.00	104.00	3.00	8031	83	15	101	1.5	370	6.78	468
104.00	106.50	2.50	8032	262	16	210	1.6	785	10.08	586
106.50	109.00	2.50	8033	126	10	85	1.5	736	15.51	359
109.00	125.00	16.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
125.00	127.00	2.00	8034	230	14	136	1.2	834	27.70	58
127.00	129.20	2.20	8035	298	11	118	1.0	751	29.53	98
129.20	131.00	1.80	8036	197	5	67	0.4	401	25.02	334
131.00	134.30	3.30	8037	340	14	188	0.5	273	28.96	41
134.30	137.00	2.70	8038	162	43	232	0.6	1245	15.39	78
137.00	140.00	3.00	8039	85	14	122	0.5	631	10.70	48
140.00	142.00	2.00	8040	114	14	120	0.3	591	11.80	287
142.00	144.30	2.30	8041	63	TRACE	80	0.2	663	7.94	219

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB142

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
							ASSAYS						
		129.2 - 134.3 Po < siliceous clasts, sulfide breccia sections.											
		134.3 0 141.5 Chert-laminated, weak brecciated sections, PO cemented, trace Aspy. Po to 40%, total 20%.											
		Graphite; traces to 20%/2'.											
		141.5 - 144.3 Cherty iron formation, Po 15% bands, epidote bands.											
144.3	183.8	(BANDED IRON FORMATION)	144.30	146.50	2.20	8042	35	TRACE	28	TRACE	610	10.42	43
		Cherty, whitish, with 10% epidote, hornblende +/- garnet	146.50	149.00	2.50	8043	25	14	47	0.1	980	6.68	30
		greenish cm bands. Magnetite, total 5% sections magnetite	149.00	153.00	4.00	8044	107	TRACE	55	0.2	1102	15.33	129
		rich, to 40%/5'. Minor Po, to 40%/3.3'.	153.00	157.00	4.00	8045	49	TRACE	38	TRACE	1183	13.06	53
		Weak mylonitic textured, minor sections.	157.00	162.00	5.00	8046	30	16	58	0.1	837	9.13	39
		146.5 - 149.0 Biotite-garnet-quartz schist, trace magnetite,	162.00	165.00	3.00	8047	57	TRACE	128	TRACE	1213	15.75	109
		plag.	165.00	167.00	2.00	8048	63	TRACE	53	TRACE	559	16.04	106
		167.0 - 175.0 Chert 40%, magnetite 20%, epidote 20%,	167.00	169.00	2.00	8049	64	TRACE	62	TRACE	506	17.48	1109
		Weak mylonitic textured cm scale brecciated chert, epidote	169.00	172.00	3.00	8050	54	TRACE	54	TRACE	695	17.51	1389
		banded. Minor Po; 50%/.5' section, traces Aspy.	172.00	175.00	3.00	8051	45	TRACE	54	TRACE	1138	16.50	2001
		175.0 - 178.3 Po 40%, trace magnetite.	175.00	178.30	3.30	8052	106	TRACE	53	TRACE	1054	17.63	20350
		178.3 - 183.8 Magnetite 40%, epidote banded.	178.30	181.00	2.70	8053	81	TRACE	63	0.3	1845	17.53	7552
183.8	200.0	(QUARTZ-BIOTITE SCHIST + CHERT-PO-GRAPHITE SECTIONS)	181.00	184.00	3.00	8054	75	9	85	0.6	958	9.94	701
		20% chert-Po-graphite interbands in quartz-biotite schist,	184.00	186.00	2.00	8055	34	TRACE	47	0.4	484	5.47	101
		cm to >2'.	186.00	188.70	2.70	8056	29	10	57	0.7	550	4.37	277
		Minor garnets in quartz-biotite schist sections.	188.70	190.00	1.30	8057	23	8	66	0.5	942	4.30	579
		Minor Po banding in quartz-biotite-garnet sections, to 20%/	190.00	192.00	2.00	8058	103	3	416	0.7	1062	12.12	317
		1-2'. Trace muscovite in quartz-biotite sections. Cherty	192.00	195.60	3.60	8059	174	11	208	0.4	558	16.16	1864
		sections variable graphite content to > 50%, Po ranges	195.60	199.00	3.40	8060	62	2	111	0.2	823	8.83	321
		to 30%, traces pyrite. Chert sections variable brecciated,											
		Po cemented.											
		185.0 - 190.0 Quartz-biotite, traces muscovite, minor Po,											
		chert, graphite bands, trace pyrite.											
		190.0 - 192.0 Po, chert, graphite bands, Po 30%.											
		192.0 - 195.3 Graphite-Po-chert, Po cement in brecciated											
		schist, trace Aspy. Contorted foliation, accretionary											
		textured fragments. Total graphite 35%, Po 25%, trace Py,Cpy.											
200.0	214.5	(QUARTZ-BIOTITE-MUSCOVITE-SILLIMANITE CORDIERITE SCHIST)	199.00	201.00	2.00	8061	61	TRACE	105	0.6	738	7.44	423
		Felsic fragmental. Grey, black banded, whitish fine grained	201.00	206.00	5.00	8062	77	5	131	0.6	571	7.62	454
		to pebble sized clasts, quartz-biotite. Minor muscovite	206.00	210.00	4.00	8063	81	TRACE	127	0.1	611	8.15	163
		quartz-Po-graphite, pyrite bands.	210.00	214.00	4.00	8064	87	4	115	0.4	773	7.53	56
		212.5 - 214.0 Quartz flooded section, minor Po.											
214.5	221.0	(GRAPHITE-CHERT-PO SCHIST, BRECCIATED PO MINERALIZED SECTIONS)	214.00	216.70	2.70	8065	156	9	385	0.5	985	18.63	85
		laminated graphite-chert-Po 25% schist, brecciated sections,	216.70	218.00	1.30	8066	213	6	500	0.2	749	21.68	785

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB142

FROM	TO	LITHOLOGICAL DESCRIPTION
		Po to 70% over .2' races Cpy, Aspy. Traces muscovite, biotite in sections. Felsic fragments in graphite-chert-Po-muscovite-biotite sections, pebble sized. Minor quartz-biotite-muscovite-cordierite schist sections. Traces Aspy in Po
221.0	239.0	(QUARTZ-MUSCOVITE-BIOTITE SCHIST, CHERT-PO WEAKLY MINERALIZED) Very fine grained, finely laminated phyolite/chert. Po 5%, Py 1%. Sections patchy banding; grey-black banded with whitish patches; felsic fragments, cordierite, muscovite bearing. 234.0 - 238.0 Reddish, hematite stained bands.
239.0	248.0	(QUARTZ-BIOTITE-GARNET SCHIST, MINOR CHERT-PO-GRAPHITE SECTIONS) Felsic tuff. Grey, uniform, biotite speckled textured. 20% biotite, beige banding epidote altered. Traces muscovite felsic fragments; lighter coloured, quartz-plag-biotite compositions. Minor fine grained garnet, 2-5% of sections. Minor Po in sections to 15% - weakly mineralized chert-Po-graphite sections. 248.0 - 252.0 Quartz late banding. 252.0 - 262.2 Garnet 15%, cherty cm bands. Trace epidote banding. Po to 10%/5'. Trace pyrite. 262.2 - 276.2 Quartz-biotite, fine grained uniform, chert, Po, minor sections Po 15%. 271.0 - 272.0 Traces muscovite Po 2' band, graphites, chert at contact of .3' coarse grained pink granite pegmatite. 272.0 - 276.0 Quartz, biotite, chert - Po, trace graphite banding.
276.0	296.0	(AMPHIBOLITE BANDED) Green-black, very fine grained, epidote-plag cm bands, trace Po. Minor cm biotite rich bands. 296.0 EOH

ASSAYS

FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
218.00	221.20	3.20	B067	86	11	177	0.7	955	8.27	24
221.20	225.00	3.80	B068	50	9	455	0.2	663	4.21	43
225.00	228.00	3.00	B069	60	10	241	TRACE	550	4.64	50
228.00	233.00	5.00	B070	29	11	154	0.2	371	2.29	55
233.00	238.00	5.00	B071	30	20	114	0.2	235	2.23	76
238.00	243.00	5.00	B072	TRACE	TRACE	1	TRACE	4	0.04	TRACE
243.00	247.70	4.70	B073	45	4	212	TRACE	654	3.75	883
247.70	253.00	5.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
253.00	257.70	4.70	B074	89	TRACE	307	TRACE	776	10.14	412
257.70	262.20	4.50	B075	118	TRACE	232	TRACE	593	10.47	307
262.20	264.70	2.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
264.70	269.00	4.30	B076	59	11	295	TRACE	332	4.05	104
269.00	273.00	4.00	B077	73	3	145	0.3	452	5.27	97
273.00	276.00	3.00	B078	55	3	151	TRACE	512	2.79	93
276.00	278.00	2.00	B079	84	9	34	0.6	274	1.82	447
278.00	296.00	18.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

52L08SW0005 OM92-064 TREELINED LAKE

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT

ASSAY CERTIFICATE TO ACCOMPANY

DIAMOND DRILL LOGS

1991 - 1992

BARRINGER LABORATORIES

5735 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
PHONE: (416) 890-8566
FAX: (416) 890-8575

30-Dec-91

R. Kantor
CHAMPION BEAR RESOURCES LTD.
3705-7A Street SW
Calgary, Alberta
T2T 2Y8

Attn: L.Chastko
Project:

Received: 23-Dec-91 15:09
PO #: W/O 181872/181873

Job: 911397 Status: Final

Sample	Cu AA ppm	Zn AA ppm	As Hyd-AA ppm
5101	90	470	8.5
5102	170	1700	27.2
5103	218	1400	27.2
5104	276	650	6.8
5105	126	220	18.7
5106	170	1500	49.3
5107	308	2500	25.5
5108	186	120	10.2
5109	40	350	221.
5110	64	400	28.9
5111	184	1400	204.
5112	128	500	18.7
5113	142	1500	51.0
5114	154	1100	178.
5115	154	1100	45.9
5116	146	880	40.8
5117	300	2100	10.2
5118	182	1400	93.5
5119	90	250	22.9
5120	28	150	15.3
5121	14	110	13.6
5122	16	70	34.0
5123	14	320	13.6
5124	72	110	5.1
5125	52	110	119.
5126	216	1800	170.

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30-Dec-91

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Attn: L.Chastko
Project:

Received: 23-Dec-91 15:09
PO #: W/O 181872/181873

Job: 911397 Status: Final

Sample	Cu AA ppm	Zn AA ppm	As Hyd-AA ppm
5127	38	220	30.6
5128	322	4100	6.8
5129	430	64	102.
5130	42	43	2.9
5131	154	1900	34.0
5132	52	230	10.2
5133	136	760	20.4
5134	52	580	18.7
5135	378	2600	11.9
5136	170	1600	144.
5137	192	1900	331.
5138	40	160	47.6
5139	48	65	15.3
5140	40	65	15.3
5141	30	60	2.6
5142	18	150	5.9
5143	60	200	3.1
5144	42	250	7.6
5145	56	290	13.6
5146	38	170	13.6
5147	51	220	17.8
5148	98	600	22.9
5149	118	110	136.
5150	292	1700	51.1
5151	116	2300	29.7
5152	50	370	10.2

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30-Dec-91

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CHAMPION BEAR RESOURCES LTD.
3705-7A Street SW
Calgary, Alberta
T2T 2Y8

Attn: L.Chastko
Project:

Received: 23-Dec-91 15:09
PO #: W/O 181872/181873

Job: 911397 Status: Final

Sample	Cu AA ppm	Zn AA ppm	As Hyd-AA ppm
5153	176	1100	10.2
5154	310	2000	35.7
5155	162	1900	30.6
5156	348	2100	20.4
5157	44	260	27.2
5158	22	115	34.0
5159	20	120	195.
5160	92	120	45.9
5161	14	140	26.4
5162	68	250	38.3
5163	20	180	35.7

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30-Dec-91

R. Kantor
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3705-7A Street SW
Calgary, Alberta
T2T 2Y8

Attn: L.Chastko
Project:

Received: 23-Dec-91 15:09
PO #: W/O 181872/181873

Job: 911397 Status: Final

Abbreviations:

Parameters:

Cu	: Copper
Zn	: Zinc
As	: Arsenic

Methods:

AA	: Atomic Absorption
Hyd-AA	: Hydride Atomic Absorption

Units:

ppm	: parts per million

Job approved by:

Signed:
.....
Margaret E. Danczigger
Supervisor, Geochemistry/Fire Assay Services

BARRINGER LABORATORIES

5735 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX: (416) 890-8575

31-Dec-91

R. Kantor
CHAMPION BEAR RESOURCES LTD.
3705-7A Street SW
Calgary, Alberta
T2T 2Y8

Attn: L.Chastko
Received: 30-Dec-91 08:39
Project:
PO #:

Job: 911398
Status: Final

Sample	Cu AA ppm	Zn AA ppm	As Hyd-AA ppm
5164	132	710	3.6
5165	12	45	3.8
5166	92	75	17.0
5167	16	65	53.0
5168	148	65	24.0
5169	48	110	2.1
5170	192	1700	46.0
5171	114	82	8.0
5172	156	2000	16.0
5173	416	1800	13.0
5174	198	1600	8.0
5175	90	110	21.0
5176	286	2200	130.
5177	84	630	14.0
5178	170	1500	39.0
5179	66	330	8.0
5180	116	790	6.0
5181	112	1350	11.0
5182	14	85	1.4
5183	26	150	20.0
5184	26	155	31.0
5185	14	92	61.0
5186	8	92	31.0
5187	22	9	1.1
5188	36	14	120.
5189	70	15	240.

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31-Dec-91

R. Kantor
CHAMPION BEAR RESOURCES LTD.
3705-7A Street SW
Calgary, Alberta
T2T 2Y8

Attn: L.Chastko
Project:

Received: 30-Dec-91 08:39
PO #:

Job: 911398 Status: Final

Sample	Cu AA ppm	Zn AA ppm	As Hyd-AA ppm
5190	64	68	60.0
5191	382	2400	8.0
5192	140	2400	17.0
5193	242	410	18.0
5194	168	410	100.
5195	126	170	160.
5196	18	67	31.0
5197	10	45	6.0
5198	132	710	38.0
5199	32	180	9.0
5200	620	2400	32.0
5201	306	1950	12.0
5202	132	1100	180.
5203	194	1450	12.0
5204	130	850	8.0
5205	26	110	42.0
5206	12	64	28.0

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

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INDEPENDENT EXPLORATION JANUARY 17/92

Page #1 W.O.#: 181872,73,74

SAMPLE ID	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5101	7	109	14	529	<0.1	41	53	299	3.37	17	<3	32
5102	7	227	13	2072	0.8	68	88	612	7.13	41	<3	89
5103	8	261	83	1541	0.6	86	92	497	9.24	56	<3	56
5104	12	412	28	973	2.6	68	91	442	7.74	28	12	104
5105	9	174	30	315	2.5	62	77	231	7.03	36	11	86
5106	8	218	9	1666	<0.1	48	63	144	5.15	79	<3	58
5107	10	413	26	3319	0.6	90	99	450	10.68	52	<3	72
5108	10	240	19	160	1.4	49	62	192	6.66	25	<3	83
5109	8	60	20	442	1.5	33	52	448	4.97	226	5	68
5110	17	87	49	503	1.3	51	75	697	5.42	38	<3	56
5111	13	240	28	1758	1.0	70	70	657	5.92	69	<3	58
5112	11	153	9	649	0.3	48	51	590	6.43	25	<3	42
5113	11	196	135	2080	1.2	61	56	721	6.10	80	<3	53
5114	10	224	25	1473	0.7	63	65	670	7.37	68	<3	112
5115	9	214	26	1644	1.5	78	86	643	8.56	139	<3	86
5116	11	182	17	1132	0.3	54	51	696	5.92	155	<3	51
5117	11	404	25	2518	0.3	98	120	565	11.05	17	<3	45
5118	15	249	34	1782	0.7	80	106	534	7.64	101	<3	48
5119	16	126	25	289	1.4	49	64	570	4.39	39	<3	41
5120	7	43	9	193	<0.1	22	38	611	3.61	26	<3	27
5121	7	20	8	108	<0.1	17	32	416	2.41	29	<3	18
5122	7	27	93	72	1.1	30	57	619	3.00	70	8	20
5123	5	20	34	421	0.6	13	32	190	1.54	20	10	12
5124	11	102	21	182	1.9	65	70	458	20.45	15	<3	31
5125	9	75	13	139	0.5	126	58	808	6.45	185	<3	74
5126	13	358	14	2421	0.9	100	106	562	16.30	17	<3	45
5127	10	60	20	274	0.4	35	48	665	5.16	35	<3	58
5128	10	459	42	5181	0.9	88	104	1107	13.64	4	<3	60
5129	7	610	3	117	0.6	55	76	327	7.85	89	<3	74
5130	7	59	17	53	0.3	28	58	249	2.73	18	10	66
5131	10	242	30	3122	1.4	70	96	661	7.50	45	<3	83
5132	7	82	14	353	1.5	69	96	286	7.77	44	<3	70
5133	4	185	<2	1034	0.4	49	67	261	6.37	26	<3	63
5134	4	68	<2	703	0.2	27	34	372	3.19	12	<3	28
5135	9	519	16	3238	0.9	116	132	441	13.47	17	<3	42

LF-30

Per: H. Fahts

ORIGINAL

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

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Certificate of Analysis

INDEPENDENT EXPLORATION JANUARY 17/92

Page #2 W.O.#: 181872,73,74

SAMPLE ID	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5136	9	239	29	2136	0.5	63	76	344	6.67	96	<3	34
5137	6	253	11	2438	0.6	77	94	430	9.27	334	<3	66
5138	3	58	<2	187	0.2	29	33	165	2.63	80	<3	60
5139	2	66	4	72	0.1	28	32	222	3.39	47	<3	68
5140	4	58	11	75	0.7	33	34	374	3.98	38	8	116
5141	3	45	7	68	0.4	25	26	352	3.59	14	3	108
5142	8	28	16	182	<0.1	27	49	722	4.37	20	<3	100
5143	10	88	20	293	0.4	47	92	720	10.25	18	<3	44
5144	8	66	18	356	<0.1	34	52	561	4.34	28	<3	64
5145	7	78	12	375	<0.1	28	47	809	5.07	12	<3	32
5146	6	53	8	207	<0.1	26	44	509	3.95	24	<3	60
147	13	87	10	297	<0.1	45	82	652	5.61	28	<3	41
5148	11	152	16	849	<0.1	60	79	720	5.58	43	<3	57
5149	5	174	15	137	0.2	60	66	419	7.63	158	<3	98
5150	8	380	22	2153	0.6	65	75	842	9.19	37	<3	84
5151	16	180	17	3173	0.7	93	109	594	10.49	34	<3	56
5152	13	81	15	531	0.3	45	85	726	5.63	29	<3	46
5153	12	260	12	1482	0.9	86	100	715	9.42	25	<3	62
5154	7	430	34	2530	0.8	96	104	870	11.92	18	<3	88
5155	12	245	41	2646	1.1	81	89	829	9.43	52	8	93
5156	12	498	46	3222	1.3	86	95	572	9.91	36	11	52
5157	7	63	22	356	0.3	33	49	590	3.55	46	24	33
5158	8	32	24	149	0.2	26	38	543	3.06	57	22	24
5159	5	32	21	166	0.2	23	32	499	3.88	221	20	25
5160	8	112	27	198	0.6	79	83	776	24.70	14	<3	19
5161	6	20	12	170	0.1	17	46	650	3.53	24	<3	14
5162	4	95	12	297	0.2	34	40	609	13.16	18	<3	16
5163	2	29	8	214	0.1	13	20	808	5.91	3	<3	7
5164	15	180	16	1015	0.6	77	106	806	9.92	16	<3	57
5165	4	14	<2	53	0.1	10	33	84	1.17	<2	<3	10
5166	9	125	10	146	0.3	37	55	414	7.06	13	<3	22
5167	8	23	18	89	0.2	22	43	478	2.69	91	<3	22
5168	3	197	14	95	0.4	58	45	774	4.94	50	<3	90
5169	3	70	10	151	0.1	33	38	405	4.21	17	<3	60
5170	10	234	21	1870	0.7	94	117	325	9.04	72	<3	95

LF-30

Per: _____

ORIGINAL

ACCURASSAY LABORATORIES

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Certificate of Analysis

INDEPENDENT EXPLORATION JANUARY 17/92

Page #3 W.O.#: 181872,73,74

SAMPLE ID	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5171	12	156	3	117	0.6	36	49	139	3.13	16	<3	56
5172	13	217	52	2096	1.1	69	77	480	5.56	27	<3	63
5173	13	442	29	1823	0.7	82	91	475	6.62	17	<3	49
5174	13	270	20	1865	1.1	94	100	435	8.15	20	<3	65
5175	7	118	2	145	0.5	47	77	447	7.73	41	6	76
5176	16	379	48	2919	1.3	98	110	366	9.19	114	12	59
5177	7	115	12	800	0.8	47	57	427	6.69	35	6	93
5178	19	228	40	1934	2.5	102	104	381	8.99	47	36	58
5179	18	98	19	471	0.7	47	75	753	5.85	34	<3	52
5180	17	148	26	1196	1.1	62	74	798	6.45	17	<3	50
5181	12	153	16	1793	1.2	43	54	439	4.24	22	<3	30
182	9	19	8	136	0.6	13	31	183	1.05	18	6	13
183	7	34	18	176	<0.1	22	36	587	3.06	30	<3	25
5184	8	37	17	207	0.6	27	39	508	3.16	41	7	29
5185	5	19	8	125	<0.1	13	28	345	2.11	97	<3	15
5186	4	13	36	135	0.1	9	21	423	2.05	64	<3	10
5187	4	29	6	11	<0.1	20	37	64	1.19	9	<3	12
5188	2	71	<2	30	0.6	92	47	262	3.06	147	<3	22
5189	2	86	5	28	0.9	91	55	297	3.72	323	<3	27
5190	4	86	3	90	0.5	75	48	453	3.84	87	<3	39
5191	10	549	30	2969	1.4	83	103	768	14.94	18	<3	46
5192	10	195	23	2753	0.9	63	76	1024	9.61	33	<3	55
5193	7	337	8	581	0.9	63	183	597	12.28	17	<3	26
5194	10	217	12	536	<0.1	56	68	702	9.28	51	<3	46
5195	6	167	15	209	0.2	46	64	453	9.53	126	<3	21
5196	5	27	19	98	<0.1	17	35	500	3.50	47	<3	18
5197	5	15	15	62	0.3	15	30	344	2.40	23	<3	19
5198	9	187	14	1037	1.4	70	86	589	6.90	87	<3	104
5199	4	46	23	238	0.4	16	37	936	6.54	19	<3	160
5200	6	673	21	2955	0.9	88	98	466	8.70	42	<3	45
5201	13	409	23	2476	1.1	99	113	628	8.90	15	<3	66
5202	11	187	20	1418	1.6	70	90	735	7.15	89	<3	89
5203	11	256	20	1776	0.5	81	91	462	9.69	14	<3	48
5204	12	173	20	1141	0.6	72	82	519	6.93	16	<3	51
5205	6	37	7	145	0.3	28	55	144	1.66	28	<3	22

LF-30

Per: [signature]

ORIGINAL

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

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Certificate of Analysis

INDEPENDENT EXPLORATION JANUARY 17/92

Page #4 W.O.#: 181872,73,74

SAMPLE ID	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5206	4	17	14	86	0.2	15	27	376	2.00	6	<3	15
5207	6	87	9	435	0.5	30	50	393	3.54	23	6	47
5208	10	269	26	1589	0.9	62	77	632	6.03	35	<3	64
5209	4	50	10	547	0.3	29	47	339	4.07	49	6	69
5210	9	254	48	2686	0.7	73	94	483	7.89	31	<3	40
5211	6	12	25	54	0.3	13	36	172	1.39	14	22	15
5212	5	81	15	780	0.4	33	65	535	5.01	80	8	48
5213	11	259	11	4235	0.8	91	113	835	12.47	39	<3	58
5214	9	379	14	848	0.5	69	92	366	9.75	32	<3	62
5215	4	97	9	324	0.4	32	46	317	4.80	45	9	67
5216	8	313	16	1222	1.0	69	79	350	8.75	56	4	57
5217	5	119	6	358	0.9	41	44	356	5.12	55	<3	78
5218	5	67	13	205	0.2	30	42	315	4.59	45	4	55
5219	9	184	23	917	0.2	46	65	596	5.65	62	<3	33
5220	15	245	67	1317	1.3	80	76	498	5.61	61	3	50
5221	14	294	48	2139	1.0	79	78	350	5.71	44	<3	42
5222	13	128	31	723	0.9	49	60	487	5.22	64	<3	47
5223	12	134	37	791	0.9	69	69	454	5.94	38	4	44
5224	6	187	13	791	0.5	50	63	552	7.23	47	<3	107
5225	9	313	103	3250	2.6	75	74	671	8.48	55	16	70
5226	10	256	65	2745	1.7	90	101	534	10.93	72	11	56
5227	13	248	35	2399	0.4	80	93	463	9.55	10	<3	44
5228	3	123	5	115	0.1	19	37	450	4.55	22	<3	68
5229	6	672	17	2414	1.5	104	125	491	15.43	44	<3	46
5230	3	45	<2	101	0.1	21	38	498	4.87	27	<3	73
5231	5	173	4	1012	0.3	50	71	582	6.66	163	<3	62
5232	2	154	4	4807	0.5	33	47	389	4.86	70	<3	58
5233	1	72	<2	255	0.2	22	33	253	3.07	64	<3	63
5234	10	500	57	7505	1.1	90	94	607	10.94	7	<3	42
5235	8	629	19	3198	0.9	75	78	818	9.17	17	<3	72
5236	1	90	<2	112	0.1	17	21	155	2.46	10	<3	50
5237	1	78	9	39	0.4	20	26	228	3.28	23	<3	59
5238	3	49	8	20	0.2	20	27	133	1.94	21	<3	50
5239	7	85	19	269	0.2	36	57	594	5.62	40	7	79
5240	12	178	35	1189	1.1	63	75	575	6.01	60	16	50

LF-30

Per: _____

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ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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Certificate of Analysis

INDEPENDENT EXPLORATION JANUARY 17/92

Page #5 W.O.#: 181872,73,74

SAMPLE ID	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5241	19	189	28	1009	1.0	84	112	742	6.99	54	15	62
5242	19	224	39	1244	1.3	94	102	514	7.95	38	13	54
5243	14	154	32	979	1.0	64	85	644	5.64	43	16	55
5244	14	231	35	2072	1.3	95	124	727	9.63	35	7	69
5245	12	143	29	1577	0.9	56	77	734	6.01	70	11	69
5246	13	198	20	3440	0.7	73	98	662	8.33	7	<3	37
5247	7	74	25	595	0.5	27	49	313	2.66	18	4	21
5248	13	203	23	3202	1.3	85	101	476	10.16	101	<3	55
5249	11	36	25	176	0.2	30	47	586	3.12	84	<3	32
5250	3	49	23	136	0.9	31	46	503	16.24	51	<3	7
251	4	65	7	237	0.5	65	46	493	14.68	<2	<3	10
252	5	13	8	136	0.2	12	25	235	1.94	81	<3	7
5253	4	51	8	70	0.1	28	32	341	4.13	18	<3	53
5254	5	64	7	124	0.2	29	31	398	5.12	9	<3	61
5255	6	67	6	129	0.3	31	33	406	4.98	9	<3	82
5256	11	207	8	150	0.5	39	39	490	9.28	11	<3	27

LF-30

Per: Kamal Sahi

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Certificate of Analysis

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Mr. Lou Chastko
Independent Exploration

January 22, 1992

W.O.#: 181876

	ELEMENT											
	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5257	8	109	18	766	<0.1	48	57	529	4.72	27	2	<3
5258	5	331	45	3357	0.5	86	80	709	10.38	42	<2	<3
5259	1	103	12	190	<0.1	28	40	221	3.61	197	<2	<3
5260	10	396	59	3657	0.5	112	119	500	11.13	30	<2	<3
5261	10	283	67	3451	0.4	94	86	543	9.51	40	<2	<3
5262	2	60	11	369	<0.1	21	32	193	2.53	60	<2	<3
5263	6	769	91	4140	1.0	94	80	471	9.51	26	<2	<3
5264	4	266	49	1725	0.5	65	62	436	6.88	19	<2	<3
5265	4	502	39	2501	0.2	71	67	550	7.42	33	<2	<3
5266	4	107	17	830	0.3	47	46	648	4.69	36	8	5
5267	6	228	29	1988	0.4	77	74	477	9.03	32	6	<3
5268	4	127	20	1115	<0.1	36	50	372	5.70	56	5	<3
5269	4	271	31	2721	0.1	66	64	639	7.46	36	8	<3
5270	12	348	67	3325	0.8	91	93	620	7.81	61	15	<3
5271	9	478	65	3180	1.1	106	110	436	9.26	30	15	<3
5272	5	182	29	1097	1.1	74	76	696	8.44	37	9	4
5273	4	73	14	276	0.6	30	42	392	4.36	94	11	6
5274	3	104	16	368	0.7	47	59	391	5.72	192	7	5

LF-30

Per: Homel Lalita

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48498

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

January 15 92

Work Order # : 181876
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
290517	5260	370	3200
290518	5261	260	3100
290519	5262	50	2100
290520	5263	770	3500
290521	5264	250	1400
290522	5265	500	2300
290523	5266	100	760
290524	5267	220	1700
290525	5268	120	1000
290526	5269	250	2400
290527	5270	300	2500
290528	5271	450	2600
290529	5272	130	860

LF-30

Per: Hamid Patti

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ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

48497

Certificate of Analysis

Lou Chastko
Independent Exploration Services Ltd.
P.O. Box 7, Station A
WINNIPEG, MANITOBA
R3K 1Z9

January 14, 1992

W.O.#: 181877

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
290541	5284	<5	<0.002	
290542	5285	<5	<0.002	
290543	5286	7	<0.002	
290544	5287	<5	<0.002	
290545	5288	<5	<0.002	
290546	5289	9	<0.002	
290547	5290	<5	<0.002	
290548	5291	6	<0.002	
290549	5292	<5	<0.002	
290550	5293	7	<0.002	
290550	5293	6	<0.002	Check
290551	5294	<5	<0.002	
290552	5295	<5	<0.002	
290553	5296	<5	<0.002	
290554	5297	<5	<0.002	
290554	5297	<5	<0.002	Check

LF-30

Per: Raul Pahto

ORIGINAL

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A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

48499

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

January 15 92

Work Order # : 181877
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
290535	5278	140	550
290536	5279	260	1800
290537	5280	160	970
290538	5281	120	750
290539	5282	100	570
290540	5283	190	1600
290562	5305	310	3100
290563	5306	270	5200
290564	5307	140	4800
290565	5308	1200	4600
290566	5309	720	3800
290567	5310	55	640
290568	5311	710	2300
290569	5312	860	5400
290570	5313	56	310
290571	5314	230	660
290572	5315	86	1400
290573	5316	450	4100
290574	5317	400	3700
290575	5318	490	6500
290576	5319	430	5800
290577	5320	370	9200
290578	5321	390	3500
290579	5322	360	2800
290580	5323	860	4400
290581	5324	110	1300
290582	5325	87	1000
290583	5326	180	1600
290584	5327	94	1400
290585	5328	420	4200
290586	5329	64	340

LF-30

Per: Hans Lalitt

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ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
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TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

48500 **Certificate of Analysis**

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

January 15 92

Work Order # : 181877
Project :

SAMPLE NUMBERS ccurassay	Customer	Copper ppm	Zinc ppm
^90587	5330	330	2600

LF-30

Per: Robert Lakit

ORIGINAL

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

48502

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

January 16 92

Work Order # : 181878
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
290594	5337	570	6400
290595	5338	170	2600
290596	5339	140	6000
290597	5340	430	6600
290598	5341	360	6200
290599	5342	300	2300
290600	5343	240	2200
604	5347	370	4800
290605	5348	180	2700
290606	5349	240	3100
290607	5350	370	6200
290608	5351	520	6400
290609	5352	220	2200
290610	5353	150	3000
290611	5354	120	1800
290612	5355	420	2800
290613	5356	38	260
290614	5357	240	2500
290615	5358	890	2300
290616	5359	210	1900
290617	5360	210	160
290618	5361	490	1300
290619	5362	480	2000
290620	5363	360	1700
290621	5364	550	2300
90622	5365	460	2700
290623	5366	370	3600
290624	5367	420	4500
90625	5368	320	3700
290626	5369	200	3300
290627	5370	270	2600

LF-30

Per: Kenneth Lakhts

ORIGINAL

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

48503

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

January 16 92

Work Order # : 181878
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
90628	5371	240	2900
90629	5372	330	5700
290630	5373	510	4900
90631	5374	240	4500
90632	5375	520	2900
290633	5376	640	3000
0634	5377	240	3000
0635	5378	400	2500
290636	5379	490	2000
290637	5380	570	3100
90638	5381	64	1900
90639	5382	400	3600
290640	5383	360	3500

LF-30

Per: [signature]

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ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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48513

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

January 16 92

Work Order # : 181878A
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
290641	5384	320	3200
290642	5385	540	7300
290643	5386	600	8200
290644	5387	140	630
290645	5388	150	1900
290646	5389	350	3100
290647	5390	600	5900
290648	5391	240	3700
290649	5392	460	5300
290650	5393	370	4800
290651	5394	660	1200
290652	5395	140	470
290653	5396	110	210
290654	5397	210	170
290655	5398	310	130
290656	5399	280	120
290657	5400	310	160
290658	5401	280	130
290659	5402	350	88
290660	5403	310	89
290668	5411	850	3200
290669	5412	480	2900
290670	5413	320	3100
290671	5414	410	6200
290672	5415	450	3100
290673	5416	320	4500
290674	5417	380	1900
290676	5419	210	3500
290677	5420	290	3600
290678	5421	430	4400
290679	5422	340	2300

LF-30

Per: Pawel Lalik

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48514

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

January 16 92

Work Order # : 181878A
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
90680	5423	480	5700

LF-30

Per: Marc Lalti

ORIGINAL

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

48539

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

January 23 92

Work Order # : 181882A
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
290756	5455	5	<0.002	
290757	5456	<5	<0.002	
290758	5457	8	<0.002	
290759	5458	10	<0.002	
290771	5470	<5	<0.002	
290772	5471	8	<0.002	
290773	5472	8	<0.002	
290774	5473	8	<0.002	
290775	5474	<5	<0.002	
290776	5475	5	<0.002	
290776	5475	<5	<0.002	Check
290777	5476	5	<0.002	
290778	5477	8	<0.002	
290779	5478	15	<0.002	
290780	5479	<5	<0.002	
290781	5480	8	<0.002	
290781	5480	10	<0.002	Check
290782	5481	29	<0.002	
290783	5482	22	<0.002	
290784	5483	9	<0.002	
290784	5483	9	<0.002	Check

LF-30

Per: Karl Leitt

ORIGINAL

BARRINGER LABORATORIES

5735 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
PHONE: (416) 890-8566
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BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

Mr. Lou Chastko
Independent Exploration

Page #1 February 05, 1992

W.O.#: 181882

	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5451	11	305	22	2093	3.4	85	113	425	8.93	57	<2	<3
5452	13	424	55	1978	4.8	98	124	436	10.30	35	<2	<3
5453	5	292	32	113	7.0	49	72	491	9.72	40	4	<3
5454	5	104	12	86	4.4	39	56	453	6.17	58	5	<3
5455	6	143	13	90	1.6	49	64	407	7.32	68	10	<3
5456	9	211	4	325	0.8	67	92	434	8.12	157	2	<3
5457	13	222	33	2344	3.4	92	110	418	12.64	101	<2	<3
5458	9	1024	11	8152	2.3	97	102	258	10.91	16	<2	<3
5459	11	335	17	3910	1.6	123	130	240	12.61	5	<2	<3
5460	17	580	41	5314	2.2	135	142	796	16.15	23	6	<3
5461	10	318	36	1921	1.8	71	89	593	8.21	9	6	<3
5462	9	411	68	1326	1.4	76	81	488	9.39	7	9	<3
5463	14	648	35	4109	2.0	155	146	336	15.58	66	7	<3
5464	15	310	35	1678	1.4	84	94	431	7.77	33	3	<3
5465	7	215	29	1057	1.3	49	60	332	5.05	100	<2	<3
5466	9	176	33	1137	0.5	47	62	377	5.49	40	<2	<3
5467	7	238	38	717	2.9	44	73	363	7.00	71	3	<3
5468	9	282	49	2303	3.2	63	106	567	8.28	55	2	<3
5469	4	268	25	148	1.6	40	78	773	6.76	73	3	<3
5470	7	176	28	537	0.8	57	85	545	9.97	26	5	<3
5471	10	190	26	541	2.8	42	72	378	7.48	112	<2	<3
5472	14	213	42	892	1.7	58	86	410	8.49	37	<2	<3
5473	9	87	21	955	3.6	38	61	513	4.67	78	5	<3
5474	5	79	17	218	0.2	29	43	416	3.76	22	<2	<3
5475	6	192	31	1335	0.8	49	59	227	4.13	71	<2	<3
5476	7	258	48	2123	2.0	64	71	208	4.24	43	<2	<3
5477	17	877	16	3075	2.4	109	128	526	11.14	93	6	<3
5478	27	700	52	4708	7.4	112	115	817	19.10	40	8	<3
5479	22	357	30	1729	2.4	86	89	447	8.81	50	5	<3
5480	11	129	15	868	1.6	43	54	272	3.55	40	6	<3

BARRINGER LABORATORIES

BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

5735 McADAM ROAD
MISSISSAUGA, ONTARIO
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Mr. Lou Chastko
Independent Exploration

February 03, 1992

W.O.#: 181877,78,78A

	ELEMENT											
	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5275	3	255	13	1029	0.5	37	34	310	4.80	28	<2	<3
5276	1	95	2	67	<0.1	41	38	229	4.36	76	<2	<3
5277	3	82	11	114	0.7	21	30	242	3.19	39	<2	<3
5278	4	109	16	439	0.2	36	45	383	4.26	67	<2	<3
5279	6	246	30	1979	0.5	57	67	499	4.72	85	<2	<3
5280	8	185	33	1053	0.6	62	65	414	5.41	22	4	<3
5281	7	132	15	855	0.6	50	59	458	4.28	36	<2	<3
5282	6	88	12	616	0.3	47	56	594	4.00	44	<2	3
5283	5	220	24	1865	0.6	48	56	628	4.61	56	<2	7
5284	4	133	29	930	0.4	35	41	384	3.93	17	<2	8
5285	8	307	30	2761	0.3	63	76	369	6.56	16	<2	<3
5286	12	514	47	3049	0.6	84	95	519	8.50	22	6	7
5287	11	262	43	2782	0.4	81	91	494	8.33	11	7	<3
5288	6	264	17	637	0.6	46	54	615	5.81	74	<2	<3
5289	6	252	14	2440	0.4	80	88	590	9.05	38	<2	<3
5290	4	239	13	929	0.1	55	59	514	6.19	28	<2	<3
5291	7	423	54	4198	0.2	80	89	589	9.30	24	<2	<3
5292	12	269	57	3616	0.5	84	88	454	8.33	173	7	<3
5293	9	438	32	1708	0.6	66	72	507	7.42	13	<2	<3
5294	14	505	40	2987	0.8	103	113	373	9.89	49	7	<3
5295	18	176	56	1930	0.5	68	92	522	6.42	58	9	<3
5296	7	22	13	185	<0.1	18	40	382	1.89	38	2	5
5297	7	13	13	45	0.4	15	36	254	1.40	16	<2	17
5298	1	105	6	53	0.1	24	24	683	3.49	23	<2	8
5299	4	146	12	65	0.2	35	42	410	3.21	58	<2	6
5300	<1	97	13	77	0.3	192	53	393	3.66	117	<2	<3
5301	<1	60	4	32	0.2	112	31	280	2.66	52	<2	<3
5302	<1	81	4	44	0.2	70	33	385	3.44	39	<2	<3
5303	4	50	23	94	0.4	18	28	643	3.28	9	<2	9
5304	4	60	20	129	0.2	21	32	508	3.30	21	<2	21
5305	10	304	24	3048	0.8	71	77	507	8.90	20	8	20
5306	18	327	41	5869	0.8	94	101	322	11.13	20	15	14
5307	13	206	29	5842	0.4	75	79	424	9.24	78	10	<3
5308	14	1244	56	5450	1.6	139	158	419	16.81	51	26	42
5309	15	765	67	4414	1.7	166	181	496	19.95	61	31	41
5310	4	70	25	735	0.5	22	38	677	3.68	12	6	35
5311	13	757	46	2652	1.2	133	148	439	16.79	28	22	30
5312	14	958	73	5839	3.9	170	214	565	20.82	427	32	73
5313	4	79	44	429	0.4	19	32	882	1.93	14	5	39
5314	8	239	18	719	0.2	58	70	707	8.13	18	<2	<3

BARRINGER LABORATORIES

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MISSISSAUGA, ONTARIO
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BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

Mr. Lou Chastko
Independent Exploration

February 03, 1992

W.O.#: 181877,78,78A

	ELEMENT											
	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5315	6	75	29	1344	0.2	27	40	287	3.26	12	3	4
5316	13	408	27	4026	0.6	73	88	391	9.62	4	7	<3
5317	15	418	40	3812	0.6	96	101	277	12.93	10	10	<3
5318	11	517	29	5673	0.2	76	77	460	10.81	6	9	<3
5319	9	463	22	6389	<0.1	85	85	341	12.06	<2	9	<3
5320	10	319	28	6932	0.2	81	84	371	11.60	<2	12	<3
5321	12	452	52	3747	1.6	105	107	482	14.26	6	9	<3
5322	13	340	22	2739	1.4	94	95	206	12.47	4	9	<3
5323	10	759	29	4114	1.1	121	128	347	15.66	12	4	<3
5324	7	131	25	1536	0.2	33	41	625	4.84	19	<2	3
5325	7	89	35	1210	0.2	47	55	301	6.63	10	4	13
5326	9	179	45	1982	1.6	53	60	364	7.66	4	7	<3
5327	8	108	35	1755	1.4	48	58	308	6.79	133	5	<3
5328	15	504	39	5296	0.7	93	95	451	12.34	9	14	9
5329	4	72	31	396	<0.1	20	29	272	2.79	58	<2	25
5330	6	365	28	2739	0.2	71	68	426	10.17	15	5	<3
5331	6	316	16	1011	0.7	56	59	603	8.40	3	3	3
5332	4	153	27	312	0.6	104	55	522	10.37	53	2	<3
5333	3	32	13	136	2.1	60	41	261	3.76	128	<2	<3
5334	12	903	46	3228	2.0	177	164	384	14.96	21	17	16
5335	5	87	18	650	0.9	34	55	152	2.95	5	6	11
5336	12	535	46	4198	1.1	136	139	400	15.56	40	25	16
5337	13	724	50	6308	1.1	149	148	583	17.29	29	24	21
5338	7	256	31	3019	0.4	76	75	555	9.77	6	9	<3
5339	13	220	31	6412	0.4	71	77	263	8.95	12	11	8
5340	13	480	37	7347	0.8	100	98	530	11.99	28	13	17
5341	13	503	38	6973	0.7	130	124	508	15.09	80	20	15
5342	6	417	33	2823	0.4	87	85	499	11.14	31	10	<3
5343	6	294	24	2080	1.9	80	82	287	9.43	21	8	<3
5344	4	132	19	524	0.4	35	42	57	4.33	12	5	7
5345	4	67	14	722	0.3	22	43	58	2.45	45	6	20
5346	5	239	20	1337	2.2	74	81	98	9.41	6	9	<3
5347	13	417	31	5141	0.6	91	91	421	11.95	9	15	<3
5348	13	274	26	3220	0.5	110	104	425	11.71	85	9	<3
5349	12	328	30	3715	0.4	93	99	305	11.62	24	16	<3
5350	18	446	44	6402	0.9	131	133	316	15.74	24	20	10
5351	15	620	70	6437	2.7	145	151	472	17.41	27	26	12
5352	9	296	25	2623	0.4	76	80	622	10.29	19	7	<3
5353	13	211	14	3005	0.4	67	85	589	8.32	26	10	<3

BARRINGER LABORATORIES

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BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

Mr. Lou Chastko
Independent Exploration

February 03, 1992

W.O.#: 181877,78,78A

	ELEMENT											
	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	SB	BI
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM
5354	13	113	16	1877	2.0	48	69	681	5.51	20	6	<3
5355	13	538	40	3650	1.1	166	168	580	15.83	26	19	5
5356	4	40	26	293	1.0	20	34	90	1.89	<2	<2	20
5357	14	250	78	2440	1.0	93	99	260	10.37	17	11	<3
5358	15	967	30	2469	2.5	87	103	305	6.51	15	12	<3
5359	9	282	36	1968	0.8	107	109	434	13.13	26	12	<3
5360	8	297	39	279	1.1	110	104	757	14.19	65	13	8
5361	11	556	43	1297	2.0	133	133	528	16.41	31	15	10
5362	10	562	40	1751	9.0	136	150	301	16.46	45	18	<3
5363	10	404	30	1714	1.0	101	113	335	12.82	13	11	<3
5364	13	684	39	2977	2.6	108	121	436	13.36	21	14	4
5365	11	472	41	2697	1.1	141	140	265	16.96	19	22	7
5366	10	360	32	3916	2.5	101	100	229	12.83	41	9	<3
5367	11	466	37	4837	1.4	112	104	346	13.47	21	19	10
5368	13	342	223	5335	0.7	85	85	700	11.23	82	10	<3
5369	10	262	39	4099	1.0	92	85	476	11.18	32	11	<3
5370	10	350	18	3055	0.8	84	87	389	11.03	20	5	<3
5371	13	311	31	3855	1.5	104	104	435	13.09	28	9	<3
5372	13	393	29	6557	0.4	69	76	468	8.95	12	8	<3
5373	13	622	51	5643	4.7	163	159	380	19.03	43	23	<3
5374	12	313	30	5025	5.0	78	77	415	10.58	11	9	<3
5375	10	666	51	3559	4.7	133	136	514	17.01	46	16	<3
5376	10	769	40	3742	1.0	153	160	440	19.24	10	22	4
5377	13	308	31	3808	0.2	87	93	485	11.42	7	13	<3
5378	14	375	22	2523	0.4	58	70	334	7.73	9	6	<3
5379	16	654	39	2538	3.9	118	132	544	14.53	33	14	<3
5380	12	680	40	4320	2.0	109	110	544	14.34	29	13	<3
5381	6	76	38	2497	0.7	32	53	209	3.42	134	6	24
5382	9	463	38	4582	0.6	125	130	395	16.06	67	16	<3
5383	13	417	47	4777	1.1	99	95	587	12.90	31	12	<3
5384	22	384	22	3468	0.6	98	99	370	13.13	33	11	<3
5385	10	490	10	6340	<0.1	83	86	463	11.87	4	8	<3
5386	10	562	13	7366	0.8	103	112	457	14.31	34	12	<3
5387	4	171	8	1232	<0.1	36	53	616	4.24	12	<2	<3
5388	5	158	29	1795	<0.1	40	56	286	5.53	<2	<2	<3
5389	6	333	13	3371	0.2	60	72	367	8.73	20	3	<3
5390	10	488	17	4549	0.4	114	130	470	14.95	26	16	<3
5391	8	256	13	3921	2.4	66	74	482	9.65	13	4	<3
5392	9	399	15	4993	1.6	85	83	432	11.91	22	9	<3
5393	9	363	20	4657	0.8	103	97	341	13.06	8	12	<3

BARRINGER LABORATORIES

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BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

Mr. Lou Chastko
Independent Exploration

February 03, 1992

W.O.#: 181877,78,78A

	ELEMENT											
	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5394	7	513	19	1058	0.9	131	124	268	16.56	37	15	<3
5395	6	140	19	499	0.5	47	53	311	6.33	4	4	4
5396	4	98	30	253	0.2	38	46	392	5.25	22	4	9
5397	4	202	17	220	0.4	68	52	490	8.72	71	5	<3
5398	4	287	19	178	0.3	96	74	363	11.57	141	10	<3
5399	5	289	13	145	0.6	104	84	437	12.55	223	12	<3
5400	4	291	12	189	0.4	97	77	437	11.65	180	11	<3
5401	4	286	8	152	0.5	93	69	376	11.20	43	7	<3
5402	4	310	2	105	1.4	97	74	339	11.69	127	7	<3
5403	3	285	3	112	2.1	91	63	286	11.17	27	3	<3
5404	4	95	19	198	<0.1	32	51	400	3.14	25	5	<3
5405	3	120	20	164	1.9	44	42	226	5.80	108	4	5
5406	4	166	14	252	0.2	86	55	579	10.04	156	11	<3
5407	3	103	30	163	1.1	58	40	355	5.34	28	3	<3
5408	2	58	19	215	1.5	68	47	310	5.08	54	<2	<3
5409	4	13	33	24	5.3	16	31	339	2.11	16	3	4
5410	2	165	29	346	1.1	133	63	535	7.94	58	6	<3
5411	9	713	39	2444	3.1	130	136	410	16.39	37	15	<3
5412	12	425	33	3364	1.5	104	114	436	13.20	31	15	4
5413	10	353	30	3763	0.9	82	93	562	11.09	10	10	<3
5414	11	321	19	3265	3.4	68	74	579	9.57	18	8	<3
5415	8	416	18	3064	1.7	44	99	633	13.45	20	16	<3
5416	13	458	13	6431	1.2	105	116	396	14.25	64	19	<3
5417	10	394	11	2047	0.3	69	81	453	9.92	20	7	<3
5418	3	47	9	449	<0.1	13	32	263	1.44	12	<2	<3
5419	7	283	4	4004	2.1	68	73	450	8.95	77	6	<3
5420	16	304	11	3810	2.0	86	102	492	10.42	29	12	<3
5421	13	536	22	5303	0.7	94	103	516	13.32	47	20	<3
5422	9	392	22	2837	2.1	105	117	456	14.47	44	21	<3
5423	13	528	22	6250	2.4	97	103	529	12.04	52	19	<3
5424	9	200	40	1044	1.2	53	82	210	6.65	12	11	<3
5425	12	276	32	1771	0.3	86	100	319	7.03	111	8	<3
5426	4	121	4	616	<0.1	32	52	336	4.33	17	2	<3
5427	6	414	3	1464	0.7	89	95	405	8.25	4	6	<3
5428	4	244	6	416	0.1	60	63	457	8.59	23	2	<3
5429	6	221	9	1102	<0.1	61	71	546	6.55	5	6	<3
5430	8	382	10	667	1.5	85	95	481	7.48	135	5	<3
5431	13	166	31	1705	0.7	89	106	319	6.76	32	12	<3
5432	17	96	15	710	0.2	73	85	310	4.86	20	14	<3
5433	13	204	31	1062	0.5	89	81	241	7.77	38	15	4

BARRINGER LABORATORIES

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THUNDER BAY DIVISION

Mr. Lou Chastko
Independent Exploration

February 03, 1992

W.O.#: 181877,78,78A

	ELEMENT											
	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
5434	13	140	19	939	3.4	66	72	431	5.35	31	11	3
5435	15	127	10	506	0.3	69	94	562	6.70	165	16	12
5436	10	103	13	1051	1.4	67	69	824	6.55	87	13	10
5437	14	280	28	1113	0.4	91	82	554	6.01	139	17	14
5438	14	278	40	1725	0.8	95	90	490	8.03	407	17	18
5439	8	190	30	1183	0.5	66	71	660	7.01	108	15	21
5440	10	210	31	1390	0.8	68	80	575	7.11	265	12	17
5441	14	480	31	5934	2.4	85	90	594	7.96	34	15	20
5442	13	276	24	2524	<0.1	102	94	499	8.31	15	8	<3
5443	5	255	26	2977	1.2	69	83	481	6.96	15	3	<3
5444	6	288	45	1198	<0.1	52	67	501	8.65	25	7	<3
5445	6	285	27	2023	<0.1	58	67	292	5.66	14	3	<3
5446	4	165	11	1833	1.2	36	43	577	4.33	29	<2	<3
5447	8	301	23	1205	2.2	83	71	401	7.02	44	3	<3
5448	10	558	40	544	0.6	112	106	427	11.06	67	7	<3
5449	13	498	12	2053	1.0	135	100	228	7.89	12	6	<3
5450	12	1206	9	3523	0.7	76	83	197	6.04	4	6	<3

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Attn: Mr. Lou Chastko
Project:

Received: 21-Jan-92 11:48

PO #:

Job: 921000R

Status: Final

Core Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5500	9	<0.002
5501	<5	<0.002
5502	<5	<0.002
5503	<5	<0.002
5504	<5	<0.002
5505	<5	<0.002
5506	<5	<0.002
5507	<5	<0.002
5508	<5	<0.002
5509	<5	<0.002
5510	5	<0.002
5510 Repeat	5	<0.002
5511	7	<0.002
5512	<5	<0.002
5513	7	<0.002
5514	<5	<0.002
5515	<5	<0.002
5515 Repeat	<5	<0.002

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Project:
PO #:

Job: 921000R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5481	27	94	16	545	1.6	60	99
5482	23	101	20	553	1.6	53	95
5483	23	246	23	679	1.3	67	114
5484	7	109	13	533	0.4	33	69
5485	6	169	19	80	1.2	62	70
5486	9	129	21	285	1.0	79	64
5487	23	1120	33	5660	4.8	166	146
5488	13	805	22	2840	4.2	121	111
5489	18	1030	25	2860	5.0	135	122
5490	15	268	18	3810	2.0	98	87
5491	5	31	16	167	0.4	21	34
5492	4	1130	12	69	2.6	14	30
5493	7	104	23	247	0.6	40	58
5494	17	13	25	134	<0.1	21	42
5495	13	150	19	812	0.4	51	61
5496	10	118	19	2260	<0.1	27	50
5497	7	59	21	1400	<0.1	26	51
5498	2	47	14	153	<0.1	30	39
5499	4	181	18	80	0.5	65	53
5500	13	1130	47	310	3.4	481	408
5501	10	130	14	30	0.2	76	90
5502	9	15	6	400	0.4	25	40
5503	13	296	15	55	1.0	67	70
5504	11	67	12	42	0.1	41	62
5505	13	201	6	130	<0.1	83	87
5506	20	60	17	23	1.2	16	42
5507	6	18	<2	19	<0.1	21	42
5508	6	130	17	126	<0.1	42	41

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Attn: Mr. Lou Chastko
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PO #:

Job: 921000R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5509	6	211	38	588	2.3	108	104
5510	13	129	32	44	2.4	62	66
5511	6	50	32	115	1.6	38	46
5512	2	41	20	52	<0.1	20	28
5513	4	58	20	61	<0.1	21	42
5514	2	29	17	61	<0.1	14	30
5515	2	55	17	113	0.4	25	36
5516	5	49	12	67	0.1	19	36
5517	5	80	19	69	0.4	24	52
5518	9	106	24	493	<0.1	35	54
5519	13	271	32	3640	0.8	75	78
5520	13	390	20	2910	1.1	94	89
5521	15	828	31	3900	2.6	172	163
5522	14	949	37	1990	1.7	157	146
5523	15	230	28	1240	<0.1	56	74
5524	10	106	12	380	0.4	39	67
5525	15	274	33	2140	0.6	68	86
5526	14	112	20	697	<0.1	40	58
5527	9	81	23	544	<0.1	37	57
5528	15	151	32	1320	0.2	44	70
5529	10	140	18	955	0.6	49	82
5530	6	203	16	621	0.2	48	58
5531	15	373	28	1850	1.0	109	100
5532	7	348	22	493	0.5	77	74

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Received: 21-Jan-92 11:48

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Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5481	357	4.29	46	8	4
5482	480	5.27	49	7	<3
5483	555	7.17	53	16	<3
5484	328	4.98	19	6	<3
5485	323	5.91	33	8	<3
5486	463	6.44	33	<2	<3
5487	504	24.4	31	7	<3
5488	237	17.8	<2	5	<3
5489	402	19.6	18	6	<3
5490	472	14.3	40	3	<3
5491	105	2.01	17	<2	19
5492	194	3.40	3	<2	12
5493	445	8.26	4	9	<3
5494	268	1.76	35	<2	10
5495	369	5.05	241	<2	<3
5496	394	4.61	33	2	8
5497	246	2.75	22	7	14
5498	559	4.62	56	3	12
5499	600	7.20	19	<2	<3
5500	893	30.0	35	9	<3
5501	302	5.17	13	4	8
5502	112	1.07	19	<2	16
5503	319	5.17	29	6	8
5504	394	4.05	14	<2	7
5505	305	6.66	24	4	<3
5506	388	3.54	16	5	5
5507	136	1.28	8	<2	<3
5508	690	7.15	5	5	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5509	738	10.6	23	7	<3
5510	346	5.56	14	<2	<3
5511	762	6.20	14	10	<3
5512	371	3.77	5	<2	<3
5513	267	4.26	22	<2	<3
5514	237	3.89	10	<2	<3
5515	287	4.41	14	<2	5
5516	251	3.98	64	<2	3
5517	322	4.47	95	2	<3
5518	556	5.21	27	<2	<3
5519	353	8.48	31	<2	<3
5520	276	9.06	8	<2	<3
5521	704	19.2	23	7	<3
5522	342	12.9	26	6	<3
5523	383	4.48	43	3	<3
5524	386	5.07	21	<2	<3
5525	368	6.51	78	6	<3
5526	416	4.26	19	7	7
5527	586	5.20	19	6	<3
5528	380	5.86	24	5	<3
5529	589	7.08	81	9	<3
5530	464	6.13	89	7	<3
5531	793	13.0	45	14	<3
5532	676	10.5	5	3	<3

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Howard Lahti, Ph.D.
Laboratory Manager

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5533	18	160	24	613	1.0	61	106
5534	13	124	27	180	0.4	117	123
5535	6	90	5	88	0.2	78	69
5536	5	79	12	46	0.1	83	61
5537	4	142	4	44	<0.1	95	67
5538	5	94	6	49	<0.1	76	62
5539	5	82	2	50	<0.1	85	65
5540	4	46	<2	31	0.1	68	51
5541	4	128	<2	82	<0.1	83	52
5542	9	79	4	537	<0.1	63	77
5543	9	94	11	818	0.4	50	58
5544	4	36	9	103	<0.1	25	41
5545	6	26	27	90	<0.1	22	39
5546	6	13	26	67	<0.1	14	30
5547	7	12	35	90	<0.1	14	34
5548	9	19	56	117	<0.1	22	39
5549	7	24	35	547	<0.1	22	46
5550	7	57	26	145	0.1	35	52
5551	17	237	22	936	0.9	82	78
5552	6	76	25	451	<0.1	55	53
5553	9	101	34	988	0.3	37	46
5554	13	464	37	894	1.4	86	87
5555	22	540	68	5323	2.2	124	119
5556	4	53	8	176	0.4	36	43
5557	13	166	15	1013	0.6	52	68

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Job: 921001R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5558	9	106	16	1809	0.4	50	67
5559	12	286	11	1232	1.3	77	82
5560	13	145	5	253	0.2	62	85
5561	5	15	9	91	<0.1	21	36
5562	9	132	17	169	0.5	79	52
5563	9	102	24	211	1.1	95	60
5564	9	131	6	273	1.0	90	58
5565	10	101	9	177	1.1	74	53
5566	9	65	9	77	1.1	67	47
5567	8	154	6	171	1.5	82	56
5568	6	62	16	111	1.8	81	61
5569	6	54	11	72	1.1	67	56
5570	6	60	5	93	0.7	64	49
5571	6	110	8	103	1.4	66	49
5572	9	74	5	80	0.9	67	55

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5533	556	8.05	77	10	<3
5534	757	6.74	308	23	<3
5535	397	4.07	32	3	5
5536	396	4.34	11	2	<3
5537	356	5.06	19	2	4
5538	420	5.82	17	2	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5539	437	5.10	21	<2	<3
5540	491	4.52	23	<2	<3
5541	889	9.25	<2	<2	<3
5542	720	7.96	83	9	<3
5543	327	5.88	97	<2	<3
5544	715	5.72	16	<2	<3
5545	564	4.00	17	10	7
5546	319	2.03	22	4	11
5547	157	1.16	81	<2	13
5548	350	2.42	28	7	8
5549	562	3.37	27	4	4
5550	736	6.71	33	10	<3
5551	616	9.28	59	11	<3
5552	548	5.06	25	8	<3
5553	409	3.47	30	4	<3
5554	416	9.18	55	7	<3
5555	278	10.54	45	9	8
5556	206	3.39	46	3	<3
5557	339	5.48	47	2	5
5558	688	6.16	37	<2	<3
5559	905	8.50	57	<2	<3
5560	422	5.19	35	3	<3
5561	695	2.33	65	<2	<3
5562	643	8.28	13	<2	<3
5563	688	10.63	19	<2	<3

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PO #:

Job: 921001R

Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5564	1060	11.08	99	<2	<3
5565	933	8.67	49	9	<3
5566	672	8.63	19	5	<3
5567	699	11.10	22	3	<3
5568	932	6.98	126	4	<3
5569	866	6.73	141	2	<3
5570	637	5.99	188	2	<3
5571	545	9.44	127	3	<3
5572	774	7.69	350	6	<3

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Laboratory Manager

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Attn: Mr. Lou Chastko
Project:

Received: 24-Jan-92 08:54

PO #:

Job: 921002R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5573	6	247	27	55	2.5	162	89
5574	5	566	15	81	2.1	152	89
5575	5	299	20	44	1.1	146	84
5576	9	229	11	100	0.9	75	58
5577	8	160	5	60	0.5	78	55
5578	10	280	33	72	1.7	182	116
5579	6	310	9	56	1.4	142	86
5580	9	334	26	90	2.0	184	113
5581	6	199	19	59	1.2	169	102
5582	6	363	20	60	1.7	173	104
5583	10	50	8	82	0.5	84	78
5584	12	156	9	69	1.2	102	86
5585	8	180	17	78	1.1	74	64
5586	8	153	18	59	1.8	101	76
5587	9	122	21	60	1.3	75	59
5588	8	67	16	82	0.7	74	75
5589	8	103	11	57	0.7	69	55
5590	6	71	17	67	0.6	74	69
5591	6	52	12	96	0.4	69	67
5592	5	123	6	46	0.6	62	51
5593	5	260	24	55	2.3	123	83
5594	8	133	15	102	1.9	86	65
5595	6	130	17	93	1.0	89	79
5596	4	250	8	60	2.3	115	74
5597	4	206	2	47	0.4	60	56

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PO #:

Job: 921002R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5598	5	130	9	45	0.5	73	58
5599	3	235	18	201	1.9	98	66
5600	5	35	15	65	0.8	64	56
5601	5	115	2543	1032	0.6	63	49
5602	6	64	18	127	0.7	73	57
5603	10	157	30	125	1.7	73	58
5604	9	32	128	126	0.2	34	46
5605	5	129	16	335	0.3	58	45
5606	4	208	8	970	0.8	84	49
5607	10	138	12	414	0.7	66	54
5608	5	204	178	100	1.0	72	58
5609	5	230	17	95	2.0	103	70
5610	6	237	13	558	1.6	102	74
5611	6	30	45	197	<0.1	28	44
5612	9	97	111	733	0.7	57	51
5613	6	115	38	250	0.9	62	48
5614	10	120	35	203	1.4	62	51
5615	8	168	29	419	1.1	77	60
5616	8	187	18	2010	<0.1	50	49
5617	5	121	21	2342	<0.1	59	60
5618	8	272	35	9688	1.3	103	86
5619	6	63	136	991	0.4	43	55
5620	8	54	83	384	<0.1	43	58
5621	6	38	15	583	<0.1	30	54
5622	6	122	24	1404	1.1	51	56

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Attn: Mr. Lou Chastko
Received: 24-Jan-92 08:54
Project:
PO #:

Job: 921002R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5623	6	71	16	277	1.0	62	53
5624	8	110	44	2425	1.1	71	77
5625	9	155	51	1347	1.3	69	73
5626	8	117	58	746	1.3	49	62
5627	8	281	27	2218	2.6	97	78
5628	8	381	50	2744	2.0	85	66
5629	10	225	61	2703	2.7	100	76
5630	4	382	52	3942	1.4	74	53
5631	5	251	54	1053	2.3	56	48
5632	5	205	19	2071	0.6	48	44
5633	5	45	15	122	<0.1	23	38
5634	4	64	9	94	0.4	34	35
5635	4	59	13	89	0.5	33	38
5636	5	66	16	411	0.4	43	32
5637	6	150	15	296	0.4	65	41
5638	8	145	15	346	0.5	74	55
5639	7	21	9	85	0.2	27	47
5640	8	202	29	270	0.6	102	68
5641	9	191	18	227	0.6	85	59
5642	7	172	31	248	0.5	88	65
5643	7	205	27	318	0.6	97	65
5644	6	207	25	183	0.5	100	74
5645	5	219	9	283	0.4	79	58
5646	4	184	17	179	0.5	102	75
5647	7	301	116	125	0.9	122	90

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5648	6	203	25	105	0.7	89	66
5649	5	247	24	268	0.5	80	56
5650	5	211	21	289	0.6	60	49
5651	7	183	28	279	0.7	115	81
5652	6	275	26	338	0.6	74	57
5653	7	263	30	410	0.6	85	62
5654	7	301	33	378	0.8	100	68
5655	6	239	21	202	0.7	83	63
5656	4	27	6	48	0.4	26	34
5657	2	22	10	51	0.6	25	31
5658	3	22	18	79	0.4	30	29
5659	3	25	9	42	0.5	28	36
5660	5	78	5	216	0.6	58	54
5661	5	69	17	93	0.7	39	47
5662	6	92	15	229	0.5	56	55
5663	6	210	15	168	1.0	73	64
5664	4	84	15	74	0.4	39	36
5665	5	85	21	272	0.7	35	40
5666	7	56	29	270	0.6	33	38
5667	5	78	33	1920	0.6	39	40
5668	6	113	23	2081	0.7	48	48
5669	7	120	36	919	0.8	48	45
5670	5	69	23	1145	0.6	46	52
5671	11	198	35	3291	0.9	64	58
5672	10	590	76	2292	1.4	171	146

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Project:
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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5673	10	528	60	7029	3.5	162	142
5674	12	494	70	2372	1.1	193	176

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5573	267	29.62	12	5	15
5574	844	25.51	123	5	5
5575	271	26.98	66	8	6
5576	987	12.01	755	8	<3
5577	887	11.42	68	13	<3
5578	400	32.45	55	22	<3
5579	283	27.10	28	13	<3
5580	271	33.63	81	15	<3
5581	206	31.25	107	13	<3
5582	171	32.15	164	17	<3
5583	793	6.80	537	11	<3
5584	366	17.34	943	13	12
5585	553	12.49	89	<2	6
5586	580	14.73	35	8	11
5587	513	13.38	181	5	<3
5588	789	8.34	580	5	<3
5589	554	9.89	115	<2	<3
5590	783	7.70	199	6	<3
5591	772	6.42	316	<2	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5592	488	10.75	164	<2	<3
5593	370	22.02	1006	9	11
5594	742	13.19	565	7	7
5595	1075	13.89	1371	4	<3
5596	669	23.57	9	4	10
5597	901	11.86	44	<2	<3
5598	698	14.66	17	<2	<3
5599	974	20.89	76	<2	<3
5600	799	6.43	227	<2	5
5601	1578	7.56	133	<2	<3
5602	866	7.32	96	4	<3
5603	910	14.29	69	11	<3
5604	1218	5.12	103	7	<3
5605	1278	12.20	27	6	6
5606	1553	19.08	28	5	9
5607	2190	12.18	22	6	5
5608	780	14.80	31	3	5
5609	842	22.40	64	<2	13
5610	1153	22.30	17	4	11
5611	1890	4.36	48	<2	<3
5612	1143	11.25	508	3	7
5613	1008	12.71	36	5	<3
5614	1153	12.91	28	5	<3
5615	923	15.40	174	4	<3
5616	766	11.48	25	<2	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5617	643	10.01	267	4	<3
5618	457	17.80	20	10	<3
5619	731	7.28	37	5	<3
5620	409	6.87	23	<2	<3
5621	366	3.90	57	<2	<3
5622	589	9.79	93	<2	<3
5623	427	8.81	54	4	<3
5624	671	12.99	140	5	7
5625	849	13.42	83	8	<3
5626	630	7.92	166	10	<3
5627	813	21.18	131	8	5
5628	1153	18.60	20	8	<3
5629	1589	21.99	37	11	5
5630	1878	16.18	19	<2	<3
5631	1539	12.50	27	<2	<3
5632	1076	9.93	20	<2	<3
5633	941	4.11	23	<2	<3
5634	1016	6.32	16	4	<3
5635	753	5.31	53	<2	<3
5636	810	8.07	12	2	<3
5637	954	11.99	24	<2	<3
5638	1367	12.76	20	<2	<3
5639	1498	4.61	23	2	<3
5640	1383	17.57	22	<2	<3
5641	1810	14.87	40	3	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5642	1939	15.33	39	3	<3
5643	1581	15.43	35	2	<3
5644	2443	17.47	77	5	<3
5645	3387	14.68	93	5	<3
5646	1898	18.06	60	9	<3
5647	930	20.91	15	8	<3
5648	1621	15.88	12	<2	<3
5649	1200	14.30	6	4	<3
5650	2092	10.66	4	5	<3
5651	2063	19.40	6	8	<3
5652	1831	13.03	14	3	<3
5653	5226	14.69	15	7	<3
5654	2045	17.46	90	10	<3
5655	1530	14.55	179	2	<3
5656	975	3.90	36	6	<3
5657	857	3.17	54	2	<3
5658	635	3.70	237	2	<3
5659	635	3.44	224	2	<3
5660	827	9.08	50	4	<3
5661	978	5.23	22	4	<3
5662	772	9.37	37	5	<3
5663	1068	13.15	21	5	<3
5664	1036	7.88	17	<2	<3
5665	826	5.78	21	<2	<3
5666	729	4.62	21	5	12

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5667	1178	6.64	18	2	7
5668	1338	8.12	22	3	12
5669	1426	8.28	17	8	26
5670	667	7.69	149	5	16
5671	1455	11.02	17	10	31
5672	1368	26.75	23	21	37
5673	1677	26.02	11	24	<3
5674	953	29.92	103	24	<3

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Signed: .....
Howard Lahti, Ph.D.
Laboratory Manager

BARRINGER LABORATORIES

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THUNDER BAY DIVISION

2735 MCADAM ROAD
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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5675	13	368	71	1932	1.0	168	152
5676	12	317	41	4845	0.8	119	100
5677	12	277	44	3402	0.8	89	78
5678	11	155	41	1265	0.7	70	69
5679	9	221	38	1009	1.0	126	114
5680	14	364	71	745	1.5	200	193
5681	12	213	41	982	0.8	104	86
5682	11	363	35	2078	0.8	102	90
5683	7	220	20	366	0.6	104	102
5684	7	187	34	146	0.7	130	110
5685	4	214	32	591	0.7	120	90
5686	<1	86	24	466	0.4	111	39
5687	11	278	103	2243	0.5	99	72
5688	13	438	73	773	0.9	150	147
5689	7	294	110	3583	0.7	137	250
5690	<1	82	13	546	0.2	117	36
5691	2	195	20	152	0.4	133	62
5692	<1	57	8	82	0.2	100	29
5693	2	151	9	79	0.3	127	53
5694	6	58	15	432	0.6	64	42
5695	5	35	11	244	0.4	29	33
5696	5	21	6	116	0.3	19	30
5697	5	32	12	188	0.2	36	36
5698	4	69	10949	9959	10.8	27	33
5699	6	37	59	271	0.2	32	36
5700	8	22	26	113	0.2	17	26
5701	11	48	21	224	0.3	14	21
5702	7	40	17	189	0.4	26	39

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Project:

Received: 27-Jan-92 09:10

PO #:

Job: 921003R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5703	7	20	15	223	0.3	22	38
5704	6	37	10	743	0.4	38	45
5705	6	18	10	293	0.3	23	34
5706	8	89	20	187	0.6	78	80
5707	5	11	20	358	0.4	19	36
5708	6	18	13	154	0.3	22	42
5709	3	16	15	104	0.2	10	22
5710	7	136	15	559	0.5	97	81
5711	9	57	4	739	0.3	59	50
5712	9	25	12	486	0.2	29	26
5713	10	24	19	416	0.3	29	29
5714	7	35	36	265	0.5	33	37
5715	8	64	9	712	0.5	61	46
5716	8	78	9	962	0.5	71	68
5717	7	102	17	1533	0.5	87	70
5718	8	110	27	1006	0.7	103	98
5719	9	98	11	824	0.6	89	75
5720	8	46	16	469	0.4	46	40
5721	7	41	11	570	0.4	40	36
5722	7	96	6	769	0.3	75	62
5723	5	56	<2	389	<0.1	51	51
5724	4	23	<2	219	0.2	20	27
5725	7	23	<2	50	0.2	17	35

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PO #:

Job: 921003R

Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5675	1158	26.09	16	20	11
5676	1949	20.02	37	9	<3
5677	1433	14.82	30	6	5
5678	1262	11.94	18	<2	<3
5679	716	20.26	20	12	11
5680	447	30.00	101	24	34
5681	587	17.16	19	2	<3
5682	579	17.26	17	<2	<3
5683	418	17.19	10	6	<3
5684	508	20.53	239	5	<3
5685	1558	17.37	561	2	<3
5686	1548	7.71	1469	<2	<3
5687	808	16.10	67	23	<3
5688	540	22.34	1733	18	<3
5689	1194	18.69	8338	61	<3
5690	841	6.64	238	<2	<3
5691	656	13.71	301	<2	<3
5692	656	6.73	134	<2	<3
5693	378	13.82	91	<2	<3
5694	322	3.64	19	4	13
5695	290	2.58	10	<2	19
5696	220	1.72	13	2	12
5697	397	2.80	9	<2	<3
5698	625	4.21	21	7	1048
5699	398	2.85	15	2	27
5700	398	2.51	8	<2	<3
5701	342	4.09	16	<2	<3
5702	195	2.65	11	<2	3

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PO #:

Job: 921003R
Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5703	339	3.27	15	2	10
5704	482	4.63	10	<2	11
5705	239	3.14	10	<2	15
5706	293	15.99	121	3	<3
5707	115	1.98	17	3	6
5708	155	3.09	13	<2	10
5709	147	2.08	7	<2	<3
5710	135	19.66	8	<2	<3
5711	102	12.51	4	<2	<3
5712	125	5.33	<2	<2	3
5713	190	4.49	8	<2	5
5714	465	5.30	13	2	18
5715	136	12.34	<2	3	<3
5716	120	15.03	<2	4	<3
5717	165	18.33	38	3	<3
5718	166	21.22	830	5	<3
5719	156	18.48	15	5	<3
5720	257	9.29	62	<2	<3
5721	165	8.21	10	<2	12
5722	255	16.61	6	<2	<3
5723	157	11.85	20	<2	<3
5724	267	3.32	6	<2	<3
5725	205	1.93	14	4	<3

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Job: 921003R
Status: Final

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Howard Lahti, Ph.D.
Laboratory Manager

BARRINGER LABORATORIES

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THUNDER BAY DIVISION

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Attn: Mr. Lou Chastko
Project:

Received: 4-Feb-92 15:04
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Job: 921005R

Status: Final

Pulp Samples

Sample	Cu AA ppm	Zn AA ppm
5305	368	3450
5306	316	5590
5307	199	5600
5308	1135	4780
5309	766	4510
5310	67	556
5311	874	2860
5312	874	5540
5313	68	340
5314	320	678
5315	84	1350
5316	525	4600
5317	482	3960
5318	593	7300
5319	517	6840
5320	414	8490
5321	498	3960
5322	385	2820
5323	862	4290
5324	135	1070
5325	105	1050
5326	186	1830
5327	98	1660
5328	527	4880
5329	59	304
5330	400	3400
5331	300	800
5334	707	2590
5335	52	360

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5735 McADAM ROAD
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FAX: (416) 890-8575

11-Feb-92

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R3K 1Z9

Attn: Mr. Lou Chastko
Project:

Received: 4-Feb-92 15:04
PO #:

Job: 921005R

Status: Final

Pulp Samples

Sample	Cu AA ppm	Zn AA ppm
5336	546	4260
5337	736	6500
5338	260	2880
5339	238	5280
5340	486	6800
5341	480	6710
5342	404	2630
5343	302	2190
5344	144	590
5345	62	724
5346	231	1140
5347	385	4620
5348	242	3040
5349	256	3380
5350	380	5840
5351	544	5840
5352	256	2270
5353	214	2820
5354	115	1590
5355	425	3060
5356	32	265
5357	282	2510
5358	800	2190
5359	259	1650
5360	249	193
5361	593	930
5362	527	1560
5363	400	1380
5364	600	2370

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Received: 4-Feb-92 15:04

PO #:

Job: 921005R

Status: Final

Pulp Samples

Sample	Cu AA ppm	Zn AA ppm
5365	562	3000
5366	390	4440
5367	386	3950
5368	362	3980
5369	242	3270
5370	321	2490
5371	264	3020
5372	361	5800
5373	475	4230
5374	251	3890
5375	489	2760
5376	554	2840
5377	215	2810
5378	377	2400
5379	414	1600
5380	453	3240
5381	41	1860
5382	355	3380
5383	283	3640
5384	290	3110
5385	381	5680
5386	400	6310
5387	135	920
5388	199	1840
5389	372	2940
5390	391	4890
5391	299	3980
5392	467	4240
5393	420	4180

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Attn: Mr. Lou Chastko
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PO #:

Job: 921005R **Status: Final**

Pulp Samples

Sample	Cu AA ppm	Zn AA ppm
5394	391	1000

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Signed: .....Howard Lahti.....
Howard Lahti, Ph.D.
Laboratory Manager

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Attn: Mr. L. Chastko
Project:

Received: 31-Jan-92 15:24

PO #:

Job: 921004R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5726	5	1574	8	48	0.7	36	28
5727	<1	566	<2	29	<0.1	17	5
5728	3	226	8	67	0.6	35	47
5729	5	391	12	96	0.5	48	71
5730	5	153	16	107	0.4	88	55
5731	5	335	19	161	0.5	37	65
5732	6	361	23	336	0.6	33	65
5733	6	506	21	314	0.6	38	82
5734	7	1214	34	163	1.5	64	130
5735	9	118	37	118	0.5	16	74
5736	7	89	33	90	0.6	14	65
5737	9	266	47	104	0.9	26	97
5738	8	47	41	76	0.8	13	75
5739	7	159	27	48	0.9	18	65
5740	7	12	34	34	0.2	9	61
5741	8	5	37	41	0.1	10	70
5742	6	4	27	32	0.1	8	53
5743	6	3	27	39	0.2	9	54
5744	6	4	26	43	0.1	9	51
5745	8	5	40	49	0.3	10	71
5746	7	4	36	50	0.2	10	65
5747	10	6	59	100	1.1	11	94
5748	6	7	30	92	0.6	8	57
5749	6	23	26	140	0.3	8	57
5750	5	71	26	219	0.2	17	53
5751	6	180	29	320	0.6	46	73
5752	5	24	28	166	0.5	28	54
5753	4	19	18	160	0.9	22	40
5754	4	142	16	126	0.5	47	48
5755	2	120	5	140	0.3	52	38

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Attn: Mr. L. Chastko
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Received: 31-Jan-92 15:24
PO #:

Job: 921004R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5756	1	5	5	57	<0.1	12	5
5757	<1	36	2	9	<0.1	21	5
5758	1	187	<2	27	<0.1	50	14
5759	4	55	20	95	<0.1	93	47
5760	4	77	21	97	<0.1	84	48
5761	2	231	19	146	0.5	79	51
5762	8	6610	11	128	11.6	78	100
5763	5	1359	3	53	2.2	41	71
5764	8	204	28	102	0.1	82	63
5765	7	395	28	79	0.5	74	56
5766	8	1450	21	56	1.3	96	131
5767	6	209	22	150	0.6	17	64
5768	5	51	17	58	0.2	11	53
5769	5	27	19	46	0.1	9	50
5770	7	58	31	43	0.6	12	67
5771	6	101	26	44	0.4	15	66
5772	6	178	23	52	0.6	20	67
5773	6	108	26	85	0.5	9	55
5774	5	37	15	117	0.3	8	50
5775	5	408	14	212	0.5	55	97
5776	6	300	22	351	0.6	44	98
5777	7	67	31	627	0.3	16	77
5778	9	386	26	497	0.6	33	88
5779	5	36	15	367	0.2	9	48
5780	5	88	17	310	2.2	21	63
5781	4	442	14	1189	1.4	52	98
5782	7	345	32	579	1.3	39	106
5783	5	17	17	199	0.5	9	49
5784	5	100	18	231	0.4	15	56
5785	5	535	12	370	0.6	66	88

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Attn: Mr. L. Chastko
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Received: 31-Jan-92 15:24

PO #:

Job: 921004R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5786	6	663	17	447	0.6	68	113
5787	6	543	14	1106	0.7	56	99
5788	6	692	17	2111	0.9	68	121
5789	6	488	15	1374	0.8	50	96
5790	6	616	19	1273	0.7	56	107
5791	5	440	12	1086	0.8	45	88
5792	5	525	12	1198	0.6	56	93
5793	4	771	6	1267	10.0	45	78
5794	4	457	5	336	0.5	40	71
5795	4	425	8	605	0.3	52	80
5796	5	425	14	292	0.6	59	134
5797	5	655	16	497	0.6	48	84
5798	3	72	8	362	0.2	12	36
5799	4	146	16	307	0.7	21	53
5800	4	258	10	271	0.4	67	53
5801	3	290	4	348	0.1	46	46
5802	3	335	2	671	<0.1	81	53
5803	2	175	2	319	<0.1	350	67
5804	5	40	2	36	<0.1	57	63
5805	4	363	10	226	0.3	146	87
5806	4	491	8	180	0.2	93	82
5807	3	314	4	155	0.1	244	75
5808	4	247	7	221	<0.1	57	48
5809	5	16	8	53	<0.1	19	23
5810	8	40	16	53	<0.1	13	30
5811	3	448	<2	125	<0.1	50	64
5812	6	346	19	288	0.8	61	84
5813	6	211	16	486	0.9	93	75
5814	5	182	4	198	0.1	70	65
5815	3	144	4	281	<0.1	133	48

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Received: 31-Jan-92 15:24

PO #:

Job: 921004R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5816	5	200	14	275	<0.1	92	67
5817	<1	83	<2	24	<0.1	48	21
5818	7	89	6	167	0.2	46	53
5819	8	61	20	124	0.3	48	57
5820	9	59	10	322	8.5	50	47
5821	6	58	10	499	0.1	36	40
5822	6	34	11	188	<0.1	22	38
5823	11	308	42	147	1.9	74	136
5824	12	163	24	204	1.4	57	90
5825	6	28	11	123	0.4	20	43
5826	11	102	12	154	<0.1	32	45
5827	8	71	26	340	<0.1	34	46
5828	13	37	15	118	<0.1	18	36

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5726	38	0.68	<2	5	<3
5727	47	0.53	<2	<2	<3
5728	150	5.33	8	3	<3
5729	139	7.30	10	2	<3
5730	145	8.23	11	2	<3
5731	162	8.25	12	3	<3
5732	235	8.61	16	2	<3
5733	380	8.66	14	2	<3
5734	159	10.06	21	3	8
5735	192	10.36	23	2	8
5736	127	10.99	22	3	9
5737	186	11.51	28	<2	14

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Received: 31-Jan-92 15:24
PO #:

Job: 921004R

Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5738	142	11.25	26	<2	13
5739	204	9.69	20	2	6
5740	214	10.22	25	3	8
5741	176	10.97	27	5	9
5742	172	9.41	20	2	4
5743	174	9.84	24	3	6
5744	199	8.95	22	<2	3
5745	150	11.09	31	7	12
5746	162	11.62	29	3	12
5747	181	12.89	36	7	20
5748	280	10.22	18	3	6
5749	408	9.62	10	2	4
5750	353	9.19	14	2	3
5751	291	10.07	19	4	6
5752	263	9.79	16	2	5
5753	321	8.48	13	3	<3
5754	259	7.82	10	2	<3
5755	203	5.47	17	<2	<3
5756	226	2.11	4	<2	<3
5757	83	0.70	4	<2	<3
5758	182	1.43	2	<2	<3
5759	301	4.59	12	12	<3
5760	151	5.14	12	16	<3
5761	184	6.50	3	<2	<3
5762	131	6.88	24	7	<3
5763	100	3.56	17	<2	<3
5764	128	4.96	23	35	<3
5765	117	4.85	27	30	<3
5766	260	9.23	40	12	<3
5767	128	9.85	19	11	3

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Received: 31-Jan-92 15:24
Project:
PO #:

Job: 921004R
Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5768	134	9.06	20	10	<3
5769	114	9.28	25	10	<3
5770	111	10.46	29	14	6
5771	112	9.94	24	13	4
5772	127	9.99	21	11	3
5773	122	9.90	21	11	<3
5774	252	8.41	14	6	<3
5775	119	8.99	12	7	<3
5776	144	9.68	17	10	<3
5777	158	10.64	21	14	7
5778	115	10.22	16	12	4
5779	93	8.81	9	7	<3
5780	114	9.13	13	8	<3
5781	96	8.43	8	6	<3
5782	182	11.02	17	15	7
5783	101	9.04	11	7	<3
5784	179	8.67	15	7	<3
5785	140	7.95	13	2	<3
5786	150	9.29	14	3	<3
5787	177	8.41	11	2	<3
5788	166	8.87	12	4	<3
5789	225	8.52	12	2	<3
5790	210	9.24	12	4	<3
5791	217	8.10	15	2	<3
5792	177	7.70	13	3	<3
5793	140	7.13	12	2	<3
5794	190	6.61	54	2	<3
5795	208	7.51	51	3	<3
5796	171	8.62	765	4	<3
5797	174	8.91	28	3	<3

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Attn: Mr. L. Chastko
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Received: 31-Jan-92 15:24
PO #:

Job: 921004R **Status: Final**

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5798	179	7.13	16	2	<3
5799	171	8.77	11	3	<3
5800	190	7.25	13	2	<3
5801	352	4.76	7	2	<3
5802	338	4.02	61	2	<3
5803	341	3.82	112	3	<3
5804	111	1.27	25	<2	<3
5805	500	6.44	14	3	<3
5806	351	6.05	8	2	4
5807	264	4.96	18	2	<3
5808	502	5.01	7	3	<3
5809	187	0.92	9	16	<3
5810	204	1.22	9	27	<3
5811	358	5.79	6	<2	<3
5812	192	8.88	20	3	4
5813	191	8.42	58	4	4
5814	235	5.57	14	2	<3
5815	261	3.34	9	<2	<3
5816	363	5.00	15	15	<3
5817	154	0.85	<2	<2	<3
5818	297	4.86	6	2	<3
5819	368	4.38	13	2	<3
5820	368	4.98	24	4	<3
5821	329	4.21	11	4	<3
5822	289	2.82	10	<2	<3
5823	406	11.70	68	21	10
5824	134	9.25	24	4	<3
5825	169	3.00	13	<2	<3
5826	211	3.79	14	<2	<3
5827	260	3.60	13	<2	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5828	166	2.11	36	<2	<3

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Attn: Mr. L. Chastko
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Project:
PO #:

Job: 921004R **Status: Final**

Signed: .....Howard Lahti.....
Howard Lahti, Ph.D.
Laboratory Manager

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Attn: Mr. L. Chastko
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PO #:
Received: 31-Jan-92 15:24

Job: 921004R
Status: Final

Core Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5726	76	0.002
5727	32	0.001
5728	15	<0.001
5729	24	0.001
5730	7	<0.001
5731	7	<0.001
5732	30	0.001
5733	98	0.003
5734	9	<0.001
5734 Repeat	13	<0.001
5735	9	<0.001
5736	9	<0.001
5737	<5	<0.001
5738	<5	<0.001
5739	5	<0.001
5740	7	<0.001
5741	<5	<0.001
5742	5	<0.001
5743	5	<0.001
5744	<5	<0.001
5745	<5	<0.001
5746	11	<0.001
5747	9	<0.001
5748	<5	<0.001
5749	<5	<0.001
5750	5	<0.001
5751	<5	<0.001
5752	<5	<0.001
5753	<5	<0.001
5754	<5	<0.001

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Received: 31-Jan-92 15:24
PO #:

Job: 921004R

Status: Final

Core Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5755	<5	<0.001
5756	<5	<0.001

BARRINGER LABORATORIES

BARRINGER / ACCURASSAY LABORATORIES.
THUNDER BAY DIVISION

5735 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
PHONE: (416) 890-8566
FAX: (416) 890-8575

17-Feb-92

INDEPENDENT EXPLORATION SERVICES LTD.
P.O. Box 7, Station A
Winnipeg, Manitoba
R3K 1Z9

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Attn: Mr. Lou Chastko
Project:

Received: 4-Feb-92 16:18
PO #:

Job: 921006R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5829	3	12	6	132	0.2	60	42
5830	7	68	5	157	0.2	53	51
5831	8	271	2	62	0.4	36	76
5832	7	45	3	53	0.5	15	50
5833	9	24	5	86	0.7	17	59
5834	7	7	6	59	0.5	14	51
5835	7	70	7	110	0.6	22	57
5836	11	12	6	137	0.8	17	63
5837	4	113	18	131	0.9	24	53
5838	9	668	11	362	1.6	57	73
5839	7	620	<2	347	0.2	60	64
5840	5	270	<2	313	0.9	31	55
5841	7	459	6	366	1.4	39	59
5842	7	1200	<2	380	3.0	84	71
5843	5	669	<2	111	2.1	84	78
5844	4	858	2	703	2.1	137	70
5845	3	516	2	258	1.1	83	49
5846	2	49	6	86	0.5	39	33
5847	2	115	9	65	0.4	39	32
5848	2	59	3	121	0.4	30	25
5849	5	403	4	60	0.2	46	87
5850	4	605	2	221	0.6	33	74
5851	4	394	<2	109	0.1	28	63
5852	4	216	2	110	0.4	13	52
5853	5	125	5	141	0.2	15	54
5854	7	443	8	137	1.5	30	102
5855	4	521	6	110	0.7	14	62
5856	5	1034	8	167	1.4	22	77

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5857	4	1296	<2	112	1.3	15	53
5858	4	106	<2	68	0.2	9	42
5859	3	311	<2	50	0.2	10	42
5860	5	242	4	66	0.5	18	64
5861	7	404	6	86	0.6	26	79
5862	5	400	3	73	0.5	21	62
5863	4	136	<2	227	0.2	102	79
5864	1	16	2	20	0.2	22	21
5865	2	26	3	98	0.2	65	45
5866	3	397	4	75	0.4	24	53

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5829	150	3.76	8	9	6
5830	174	5.54	8	11	<3
5831	140	10.67	<2	<2	<3
5832	273	11.97	2	<2	<3
5833	172	10.30	5	2	6
5834	179	13.05	3	<2	<3
5835	180	12.77	<2	<2	11
5836	408	17.03	<2	2	5
5837	335	6.24	7	<2	15
5838	365	16.95	<2	<2	3
5839	235	15.50	<2	<2	6
5840	355	14.64	<2	<2	13
5841	504	16.98	<2	<2	7
5842	590	14.72	3	<2	3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5843	316	10.23	8	<2	<3
5844	998	10.43	6	4	8
5845	668	6.55	16	7	<3
5846	375	2.18	13	4	8
5847	385	2.07	7	6	3
5848	622	4.66	2	2	4
5849	178	7.69	6	<2	<3
5850	265	16.42	<2	<2	<3
5851	212	13.28	<2	<2	<3
5852	171	16.33	<2	<2	<3
5853	171	16.96	4	<2	12
5854	166	22.89	6	<2	<3
5855	120	19.92	<2	<2	3
5856	126	21.78	<2	<2	3
5857	115	17.51	<2	<2	<3
5858	212	14.31	2	<2	<3
5859	219	13.77	6	<2	8
5860	189	17.80	4	<2	10
5861	160	19.42	<2	<2	7
5862	215	17.17	<2	<2	<3
5863	1006	11.53	2	20	<3
5864	177	1.46	10	4	<3
5865	622	6.16	8	7	<3
5866	245	15.32	<2	<2	<3

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Attn: Mr. Lou Chastko
Received: 4-Feb-92 16:18
Project:
PO #:
Job: 921006R
Status: Final

Signed: Howard Lahti
Howard Lahti, Ph.D.
Laboratory Manager

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Attn: Mr. Lou Chastko
Received: 7-Feb-92 08:40
Project:
PO #:

Job: 921007R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5867	8	271	4	52	0.4	32	55
5868	8	437	6	57	0.8	70	101
5869	4	73	<2	64	0.2	9	40
5870	5	642	4	64	0.9	75	51
5871	3	56	3	69	0.2	8	32
5872	5	36	10	45	0.6	11	54
5873	4	5	3	26	0.1	6	34
5874	5	7	12	44	0.9	5	51
5875	5	16	8	33	0.6	8	43
5876	7	57	7	52	0.9	21	57
5877	7	111	4	132	0.5	41	56
5878	5	25	<2	115	0.2	8	43
5879	5	449	2	1405	0.2	33	63
5880	5	78	6	581	0.6	12	45
5881	5	299	4	1429	0.9	30	58
5882	4	401	<2	1104	0.7	39	62
5883	5	752	3	2238	1.4	48	75
5884	5	277	2	991	0.8	25	55
5885	5	826	3	1751	1.3	42	71
5886	5	626	<2	1265	0.8	49	79
5887	3	434	6	949	0.8	67	61
5888	10	63	13	424	0.2	34	44
5889	13	85	8	628	0.7	63	66
5890	5	37	11	178	0.5	19	44
5891	5	35	10	220	0.6	25	42
5892	5	31	9	222	0.4	24	39
5893	4	30	11	166	0.5	20	35
5894	19	149	7	639	1.8	92	101
5895	7	48	14	206	0.7	15	35

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5896	16	108	9	281	0.9	69	88
5897	11	122	6	311	0.5	82	100
5898	12	117	14	490	0.9	67	84
5899	7	25	29	76	0.2	22	49
5900	9	146	5	113	0.6	86	98
5901	7	43	10	204	0.2	26	45
5902	5	34	8	117	0.2	15	43
5903	10	84	<2	555	0.2	58	64
5904	9	36	15	75	0.2	42	64
5905	8	33	14	128	0.2	21	38
5906	5	29	34	112	0.2	12	32
5907	7	24	24	311	0.2	20	41
5908	7	33	16	140	0.2	24	49
5909	5	36	13	101	0.4	18	48
5910	5	37	12	189	0.2	23	46
5911	16	100	11	139	1.5	84	116
5912	14	64	8	427	0.8	41	75
5913	10	41	12	158	0.2	23	52
5914	5	38	15	184	0.2	15	43
5915	5	41	11	239	0.5	22	44
5916	9	26	9	75	0.2	18	42
5917	5	21	10	98	0.2	18	33
5918	5	22	6	262	0.2	15	40
5919	5	21	9	253	0.2	13	37
5920	10	84	6	275	0.9	59	72
5921	9	113	15	418	1.8	68	91
5922	10	119	21	769	3.9	83	115
5923	12	99	9	251	3.0	90	128
5924	7	45	17	212	0.2	38	66

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5925	10	116	24	512	3.9	106	134
5926	7	40	20	1976	1.6	33	68
5927	9	150	2	3158	2.3	70	89
5928	4	61	<2	618	0.2	42	53
5929	8	124	13	707	3.3	92	114
5930	8	141	8	292	1.5	93	120
5931	8	70	7	668	2.5	39	64
5932	9	93	19	367	2.0	55	82
5933	7	96	<2	960	0.9	50	71
5934	7	74	6	394	1.0	52	70
5935	7	84	5	1147	0.2	48	71
5936	9	76	10	1257	3.1	53	67
5937	7	37	<2	801	0.2	28	51
5938	7	31	14	1397	0.6	27	54
5939	9	144	9	283	3.6	81	107
5940	8	118	7	643	3.1	63	79
5941	8	101	9	800	4.0	57	70
5942	9	94	5	472	3.0	61	75
5943	8	96	3	963	4.2	57	71
5944	7	105	3	441	2.1	54	67
5945	5	94	<2	233	1.4	53	65
5946	7	101	4	247	1.5	57	69
5947	7	93	<2	845	1.6	54	75
5948	7	62	<2	483	0.8	40	56
5949	8	123	6	294	2.0	73	94
5950	7	150	5	1405	3.3	60	81
5951	7	106	<2	441	3.0	55	73
5952	9	119	17	324	5.0	80	112
5953	7	60	3	591	0.2	42	62

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5954	4	55	<2	402	0.2	35	51
5955	5	84	6	191	0.6	54	63
5956	5	41	15	189	0.2	26	46
5957	5	36	19	201	0.2	28	45
5958	5	51	<2	341	0.5	33	48
5959	5	92	<2	134	1.4	53	62
5960	3	30	8	273	0.2	25	37

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5867	142	18.47	<2	<2	13
5868	136	20.44	<2	<2	10
5869	130	15.96	<2	<2	<3
5870	115	17.11	2	<2	6
5871	169	13.62	7	<2	7
5872	124	21.36	3	<2	16
5873	119	15.94	9	<2	7
5874	80	25.01	<2	<2	21
5875	135	18.84	13	<2	17
5876	65	21.97	<2	<2	13
5877	115	23.68	<2	<2	10
5878	127	20.07	<2	<2	10
5879	168	13.10	2	<2	<3
5880	165	18.59	<2	<2	9
5881	197	16.30	2	<2	7
5882	215	12.20	12	<2	<3
5883	243	13.56	15	<2	<3
5884	274	14.15	20	<2	3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5885	265	12.26	4	<2	3
5886	269	15.41	5	<2	<3
5887	294	5.74	10	5	6
5888	130	3.16	8	4	15
5889	152	5.03	6	2	13
5890	219	2.90	15	7	17
5891	197	3.31	9	4	12
5892	235	3.36	11	4	14
5893	207	2.82	9	3	13
5894	360	9.86	7	4	12
5895	397	3.92	8	6	17
5896	351	8.17	12	<2	3
5897	341	10.25	53	<2	<3
5898	676	11.69	7	<2	<3
5899	202	3.25	14	<2	11
5900	212	10.73	24	<2	<3
5901	370	3.62	11	<2	<3
5902	685	3.73	13	<2	<3
5903	174	7.63	5	<2	<3
5904	131	5.16	9	<2	<3
5905	128	3.51	11	<2	<3
5906	283	2.95	15	4	17
5907	198	2.78	59	3	9
5908	189	2.82	17	3	3
5909	234	3.23	15	6	<3
5910	246	3.28	14	4	<3
5911	297	9.67	14	4	<3
5912	353	5.61	9	5	<3
5913	311	4.27	8	5	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5914	391	4.45	11	2	<3
5915	316	4.33	6	4	<3
5916	204	2.82	12	2	<3
5917	125	2.37	15	3	<3
5918	221	2.83	7	<2	<3
5919	226	2.75	11	<2	<3
5920	241	15.96	22	<2	<3
5921	145	19.05	37	<2	5
5922	260	19.52	29	<2	15
5923	341	20.85	12	<2	17
5924	253	8.96	7	<2	<3
5925	634	19.63	14	<2	12
5926	646	6.26	40	<2	6
5927	361	14.18	4	<2	<3
5928	478	11.96	8	<2	<3
5929	399	17.91	4	<2	<3
5930	475	18.59	16	<2	<3
5931	761	11.05	14	2	<3
5932	907	14.98	2	<2	<3
5933	810	13.66	2	<2	<3
5934	627	13.87	<2	<2	<3
5935	723	12.69	28	<2	<3
5936	598	13.38	5	<2	<3
5937	617	7.82	3	<2	<3
5938	624	6.93	9	<2	6
5939	536	21.17	11	<2	24
5940	420	16.15	2	<2	15
5941	265	15.36	<2	<2	17
5942	262	16.20	<2	<2	11

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Received: 7-Feb-92 08:40
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Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5943	356	15.34	<2	<2	15
5944	350	14.78	<2	<2	14
5945	366	14.48	<2	<2	15
5946	467	15.05	<2	<2	18
5947	424	14.99	41	<2	16
5948	581	12.26	12	<2	15
5949	555	19.50	<2	<2	26
5950	433	17.45	<2	<2	23
5951	530	15.44	<2	4	18
5952	573	19.06	51	2	27
5953	473	11.33	22	<2	9
5954	545	9.92	25	<2	5
5955	676	13.52	30	<2	<3
5956	205	6.55	9	<2	15
5957	411	7.39	9	<2	5
5958	300	7.85	8	2	<3
5959	278	11.26	2	<2	<3
5960	427	5.43	3	<2	<3

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Attn: Mr. Lou Chastko
Received: 7-Feb-92 08:40
Project:
PO #:

Job: 921007R
Status: Final

Signed: .....Howard Lahti.....
Howard Lahti, Ph.D.
Laboratory Manager

BARRINGER LABORATORIES

BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

5735 McADAM ROAD
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Attn: Mr. Lou Chastko
Received: 10-Feb-92 10:35
Project:
PO #:

Job: 921008R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5001	1	270	<2	744	0.2	34	26
5002	1	282	11	243	0.4	81	31
5003	2	428	15	96	0.6	58	47
5004	1	352	15	205	0.2	24	22
5005	<1	427	2	259	0.1	22	22
5006	10	492	7	117	0.6	67	84
5007	1	405	10	283	0.6	28	34
5008	3	493	23	309	1.1	59	67
5009	1	239	10	149	0.3	19	20
5010	2	553	9	64	1.3	65	61
5961	5	21	9	72	<0.1	17	34
5962	8	23	10	158	0.5	22	41
5963	3	596	4	862	1.0	53	113
5964	3	625	6	2767	1.1	45	53
5965	3	565	<2	964	1.0	48	56
5966	2	652	4	1058	1.0	46	47
5967	2	473	<2	880	0.4	42	44
5968	2	543	<2	1364	0.7	41	42
5969	3	351	6	1328	0.6	36	38
5970	2	636	9	1441	0.6	50	51
5971	1	790	<2	834	1.1	66	60
5972	3	816	6	356	0.6	72	76
5973	2	988	3	663	0.6	80	78
5974	1	635	<2	848	0.2	57	53
5975	2	416	2	487	0.2	35	33
5976	1	206	<2	461	<0.1	25	19
5977	1	536	<2	535	0.2	47	47
5978	1	650	<2	1126	0.1	51	49
5979	2	432	<2	1431	0.1	41	41

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THUNDER BAY DIVISION

5735 McADAM ROAD
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CANADA L4Z 1N9
PHONE: (416) 890-8566
FAX: (416) 890-8575

24-Feb-92

INDEPENDENT EXPLORATION SERVICES LTD.
P.O. Box 7, Station A
Winnipeg, MB
R3K 1Z9

Attn: Mr. Lou Chastko
Project:

Received: 10-Feb-92 10:35

PO #:

Job: 921008R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5980	3	670	<2	1322	<0.1	37	42
5981	4	362	4	2543	0.2	43	43
5982	5	920	6	3619	0.7	53	68
5983	3	203	7	746	0.5	31	43
5984	3	701	5	943	0.9	59	63
5985	2	692	9	698	1.0	48	58
5986	2	933	<2	1028	0.9	43	46
5987	3	546	<2	1337	0.8	58	67
5988	2	476	8	931	0.7	38	46
5989	3	592	4	991	0.5	46	54
5990	2	476	<2	1519	0.9	39	46
5991	2	927	<2	3676	0.5	43	46
5992	2	1001	<2	2322	0.2	50	55
5993	3	801	3	1839	0.8	52	59
5994	4	651	<2	4232	<0.1	59	94
5995	3	550	5	2648	1.5	59	93
5996	3	647	5	2163	0.4	45	61
5997	4	593	5	1744	0.7	87	105
5998	2	580	7	1990	1.3	40	41
5999	1	480	3	2052	1.3	42	50
6000	2	384	6	1577	0.3	41	40

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5001	188	11.51	<2	<2	4
5002	197	9.54	34	5	4
5003	281	4.90	22	<2	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5004	176	10.44	<2	<2	<3
5005	198	12.11	<2	<2	<3
5006	172	12.82	<2	<2	<3
5007	454	10.82	<2	2	<3
5008	664	14.44	5	6	<3
5009	130	12.52	<2	<2	<3
5010	100	18.10	<2	<2	8
5961	365	3.39	9	9	3
5962	389	2.97	12	6	<3
5963	149	10.64	1382	3	<3
5964	121	8.00	81	3	<3
5965	139	7.77	32	<2	<3
5966	110	9.77	15	4	<3
5967	125	9.59	16	<2	<3
5968	144	9.01	12	3	<3
5969	120	9.98	5	2	<3
5970	140	10.58	<2	<2	<3
5971	112	8.87	<2	5	9
5972	164	8.76	11	5	7
5973	167	10.06	5	3	6
5974	176	9.53	<2	4	8
5975	179	9.78	<2	2	5
5976	302	4.81	3	4	<3
5977	220	9.43	<2	<2	3
5978	175	9.47	2	<2	5
5979	192	8.65	10	<2	5
5980	300	5.57	9	3	7
5981	269	5.49	14	7	8
5982	210	6.99	8	3	7

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Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5983	115	3.18	14	9	<3
5984	161	10.92	<2	<2	3
5985	140	11.39	<2	<2	<3
5986	79	9.55	7	2	<3
5987	118	9.80	<2	<2	<3
5988	92	9.91	<2	<2	<3
5989	162	10.55	<2	<2	<3
5990	125	8.16	<2	<2	<3
5991	193	9.52	<2	7	9
5992	164	9.62	20	<2	6
5993	151	8.71	23	8	<3
5994	254	9.86	441	3	5
5995	243	9.73	514	<2	7
5996	178	7.67	166	3	<3
5997	212	14.17	256	<2	4
5998	164	10.69	13	<2	<3
5999	134	11.12	175	<2	<3
6000	126	10.36	<2	<2	6

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Signed: .....Howard Lahti.....
Howard Lahti, Ph.D.
Laboratory Manager

BARRINGER LABORATORIES

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5011	<1	128	6	80	0.1	11	4
5012	1	35	3	109	0.1	6	3
5013	1	80	8	80	0.5	13	9
5014	<1	138	<2	86	0.5	10	9
5015	<1	55	4	92	0.5	8	3
5016	1	115	4	150	0.9	13	12
5017	1	924	5	104	1.5	62	39
5018	2	219	8	77	0.1	68	22
5019	3	82	3	32	0.2	36	28
5020	<1	62	<2	89	<0.1	33	7
5021	<1	557	10	82	0.1	54	20
5022	2	494	8	73	<0.1	64	26
5023	4	438	6	55	0.1	63	42
5024	4	223	6	28	<0.1	31	40
5025	1	268	3	85	<0.1	49	12
5026	3	65	6	115	0.2	74	24
5027	3	31	15	106	<0.1	18	15
5028	3	44	6	142	0.1	28	18
5029	3	37	17	99	0.5	17	16
5030	4	40	5	191	0.2	19	18
5031	3	28	5	140	<0.1	10	14
5032	3	27	7	141	<0.1	11	18
5033	5	28	10	151	<0.1	13	21
5034	3	28	<2	220	<0.1	13	15
5035	3	113	<2	84	0.5	46	29
5036	4	14	2	50	<0.1	11	17
5037	5	14	8	58	<0.1	9	17
5038	5	15	4	50	<0.1	14	18
5039	5	63	4	88	<0.1	24	17

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5040	4	66	2	135	0.8	26	16
5041	5	54	20	212	0.6	24	7
5042	5	65	14	60	1.3	30	21
5043	10	177	13	99	2.6	87	49
5044	3	31	17	294	0.6	20	14
5045	3	66	17	829	0.7	38	14
5046	4	76	20	1282	0.9	49	24
5047	5	120	8	2224	1.2	64	34
5048	4	77	4	956	0.9	56	30
5049	2	55	7	301	0.8	30	19
5050	2	30	11	104	0.1	17	16
5051	3	29	3	124	<0.1	17	18
5052	5	88	7	860	0.4	63	32
5053	3	35	15	194	<0.1	21	17
5054	4	32	2	181	<0.1	12	12
5055	3	32	17	212	<0.1	17	8
5056	3	37	4	115	<0.1	26	14
5057	1	63	5	117	0.1	34	5
5058	<1	121	<2	198	<0.1	41	12
5059	2	199	5	1225	0.1	46	27
5060	4	184	2	560	0.6	44	42
5061	3	326	3	253	0.9	39	23
5062	2	456	2	288	0.5	57	32
5063	<1	33	8	229	0.2	46	8
5064	1	290	8	98	1.2	38	26
5065	1	216	3	130	0.8	23	14
5066	1	276	2	155	0.9	26	13
5067	2	135	4	128	0.9	21	12
5068	<1	31	8	49	0.6	7	1

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5069	<1	85	10	107	0.9	11	7
5070	1	153	5	117	<0.1	21	12
5071	<1	124	8	135	0.2	27	4
5072	1	20	9	77	<0.1	27	<1
5073	2	262	6	135	0.4	36	23
5074	1	218	5	110	0.1	38	13
5075	2	124	<2	151	<0.1	32	13
5076	3	179	3	221	0.6	34	23
5077	2	128	4	117	<0.1	25	14
5078	2	109	6	97	0.2	32	13
5079	2	401	3	83	0.4	47	40
5080	3	78	22	332	<0.1	18	12
5081	2	139	7	698	0.3	29	17
5082	1	46	3	72	0.1	20	17
5083	3	165	5	1273	0.6	38	19
5084	8	266	5	1233	0.7	58	29
5085	<1	77	5	242	0.1	33	13
5086	<1	66	7	78	0.2	39	19
5087	1	138	2	272	0.5	47	6
5088	2	212	19	856	0.4	45	2
5089	5	323	11	5215	0.9	66	49
5090	1	104	6	446	<0.1	32	21
5091	5	596	7	272	1.3	59	40
5092	4	309	20	516	0.8	50	6
5093	5	412	15	1868	1.3	61	33
5094	5	325	22	1434	0.8	70	31
5095	8	149	14	938	0.3	41	24
5096	2	121	8	900	0.1	35	16
5097	1	80	7	92	0.1	31	28

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
5098	1	40	<2	102	<0.1	21	20
5099	3	267	6	2308	0.3	54	31
5100	1	87	7	144	<0.1	24	4
6001	1	48	13	217	0.1	26	11
6002	3	264	17	1222	0.7	47	18
6003	<1	115	20	253	<0.1	35	8
6004	9	460	30	5084	1.2	83	47
6005	5	347	27	2812	0.8	68	41
6006	5	313	20	1269	1.0	61	34
6007	3	142	22	445	0.6	44	25
6008	<1	90	6	120	0.3	30	10
6009	<1	25	7	31	<0.1	21	12
6010	2	438	11	85	<0.1	43	23
6011	1	227	9	50	0.1	127	24
6012	1	75	11	36	0.3	77	2
6013	1	142	11	47	0.8	105	9
6014	2	75	7	113	0.1	77	5
6015	<1	82	5	44	<0.1	45	3
6016	1	316	6	59	0.2	113	76
6017	<1	140	13	41	0.1	27	7

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5011	108	14.08	<2	<2	<3
5012	84	9.85	<2	<2	<3
5013	116	15.00	<2	<2	5
5014	102	15.64	<2	3	<3
5015	97	14.74	<2	<2	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5016	152	17.15	<2	<2	3
5017	216	15.33	<2	<2	<3
5018	289	4.50	10	4	<3
5019	182	1.97	<2	<2	<3
5020	443	3.30	11	3	<3
5021	595	8.14	8	4	7
5022	325	6.49	5	4	<3
5023	258	7.09	3	4	<3
5024	187	3.14	23	8	<3
5025	483	3.52	13	6	<3
5026	353	4.16	14	9	<3
5027	212	2.35	8	4	<3
5028	283	3.05	4	3	<3
5029	254	2.64	10	3	<3
5030	194	2.56	2	3	<3
5031	115	2.13	<2	5	11
5032	131	2.14	4	6	9
5033	165	2.53	<2	3	3
5034	281	3.50	6	4	<3
5035	133	8.70	2	<2	<3
5036	95	1.54	5	<2	10
5037	160	1.99	7	3	<3
5038	152	1.25	17	6	7
5039	141	4.53	11	2	<3
5040	193	4.48	16	2	<3
5041	254	4.49	22	8	<3
5042	78	6.24	<2	<2	<3
5043	119	17.93	<2	<2	<3
5044	382	2.84	22	5	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5045	301	4.38	14	5	<3
5046	278	5.39	17	5	<3
5047	298	5.48	<2	2	<3
5048	273	4.24	16	2	<3
5049	361	3.10	12	4	<3
5050	308	2.11	7	10	10
5051	345	2.16	6	4	<3
5052	317	4.40	<2	4	<3
5053	402	2.55	7	6	<3
5054	329	2.39	<2	5	<3
5055	366	2.21	17	3	<3
5056	339	2.74	3	<2	<3
5057	176	2.21	12	5	<3
5058	242	11.25	<2	<2	<3
5059	339	12.93	<2	2	<3
5060	290	11.39	<2	2	<3
5061	169	14.03	<2	2	8
5062	352	8.57	5	6	6
5063	440	5.00	10	6	<3
5064	259	17.10	<2	4	8
5065	231	14.89	<2	6	9
5066	241	15.96	<2	<2	5
5067	140	17.30	<2	<2	9
5068	105	15.89	<2	<2	5
5069	164	19.18	<2	<2	14
5070	198	11.69	<2	2	<3
5071	254	11.53	9	3	<3
5072	242	4.00	20	7	<3
5073	318	11.42	7	3	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
5074	349	10.66	4	2	<3
5075	219	9.20	8	7	<3
5076	199	12.46	4	<2	<3
5077	201	7.46	2	4	<3
5078	334	6.03	11	6	<3
5079	158	9.81	3	<2	<3
5080	359	3.06	112	8	5
5081	455	5.27	67	6	<3
5082	215	3.29	183	7	<3
5083	501	6.58	59	<2	<3
5084	779	11.39	148	8	<3
5085	651	6.56	178	2	<3
5086	239	3.64	405	<2	<3
5087	812	6.96	398	9	<3
5088	830	7.73	66	6	<3
5089	544	10.08	238	13	<3
5090	405	5.31	138	4	<3
5091	190	7.32	280	12	<3
5092	614	7.05	64	13	<3
5093	414	6.75	122	8	<3
5094	450	7.17	22	10	<3
5095	584	6.49	173	2	<3
5096	391	6.00	993	<2	<3
5097	325	5.13	2654	2	<3
5098	313	4.16	457	7	<3
5099	580	9.10	91	10	<3
5100	465	3.43	78	5	<3
6001	640	5.13	215	9	<3
6002	739	7.24	43	9	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6003	877	6.26	102	12	<3
6004	715	9.61	129	10	<3
6005	573	7.45	59	7	<3
6006	503	7.79	54	6	<3
6007	479	7.38	87	5	<3
6008	217	4.90	61	8	<3
6009	108	1.88	145	4	<3
6010	1444	5.37	75	6	<3
6011	1027	10.19	28	6	<3
6012	610	4.44	61	<2	<3
6013	1041	12.09	26	10	<3
6014	779	10.03	82	<2	<3
6015	356	4.12	21	5	<3
6016	861	5.73	1284	5	<3
6017	886	3.51	55	5	<3

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Signed: .....Howard Lahti.....
Howard Lahti, Ph.D.
Laboratory Manager

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Pulp Samples

Sample	Au FA/AA3 ppb	Au FA/AA3 oz/T
5484	15	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5766	113	0.003
5767	10	<0.001
5768	<5	<0.001
5769	24	0.001
5770	10	<0.001
5771	<5	<0.001
5772	36	0.001
5773	8	<0.001
5774	<5	<0.001
5774 Repeat	<5	<0.001
5775	24	0.001
5776	36	0.001
5777	10	<0.001
5778	27	0.001
5779	<5	<0.001
5780	<5	<0.001
5781	85	0.002
5782	10	<0.001
5783	<5	<0.001
5784	<5	<0.001
5785	20	<0.001
5786	69	0.002
5787	71	0.002
5788	85	0.002
5789	46	0.001
5790	64	0.002
5791	41	0.001
5792	95	0.003
5792 Repeat	90	0.003

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5793	373	0.011
5794	50	0.001
5795	268	0.008
5796	137	0.004
5797	277	0.008
5798	22	0.001
5799	36	0.001
5800	108	0.008
5801	298	0.009
5802	303	0.009
5803	97	0.008
5804	43	0.001
5805	656	0.019
5806	380	0.011
5807	146	0.004
5808	90	0.003
5809	10	0.000
5810	13	<0.001
5810 Repeat	13	<0.001
5811	83	0.002
5812	62	0.002
5813	48	0.001
5814	83	0.002
5829	169	0.005
5830	20	<0.001
5831	13	<0.001
5832	5	<0.001
5833	<5	<0.001
5834	<5	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5835	<5	<0.001
5836	<5	<0.001
5837	13	<0.001
5838	57	0.002
5839	162	0.005
5840	118	0.003
5841	69	0.002
5842	104	0.003
5842 Repeat	144	0.004

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Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5848	6	<0.001
5849	15	<0.001
5850	28	0.001
5851	13	<0.001
5852	<5	<0.001
5853	<5	<0.001
5854	8	<0.001
5855	6	<0.001
5856	13	<0.001
5856 Repeat	10	<0.001
5857	6	<0.001
5858	<5	<0.001
5859	26	0.001
5860	<5	<0.001
5861	13	<0.001
5862	8	<0.001
5863	<5	<0.001
5864	<5	<0.001
5865	<5	<0.001
5866	<5	<0.001
5867	<5	<0.001
5868	6	<0.001
5869	<5	<0.001
5870	10	<0.001
5871	<5	<0.001
5872	<5	<0.001
5873	<5	<0.001
5874	<5	<0.001
5874 Repeat	6	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5875	6	<0.001
5876	<5	<0.001
5877	<5	<0.001
5878	<5	<0.001
5879	26	0.001
5880	<5	<0.001
5881	8	<0.001
5882	38	0.001
5883	92	0.003
5884	116	0.003
5885	206	0.006
5886	64	0.002
5001	85	0.002
5002	85	0.002
5003	15	<0.001
5004	<5	<0.001
5005	<5	<0.001
5006	13	<0.001
5006 Repeat	17	<0.001
5007	15	<0.001
5008	35	0.001
5009	<5	<0.001
5010	15	<0.001
5011	<5	<0.001
5012	<5	<0.001
5013	<5	<0.001
5014	<5	<0.001
5015	<5	<0.001
5016	<5	<0.001

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Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5017	<5	<0.001
5018	<5	<0.001
5019	<5	<0.001
5020	<5	<0.001
5021	57	0.002
5022	10	<0.001
5023	<5	<0.001
5024	<5	<0.001
5025	<5	<0.001
5025 Repeat	<5	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5963	83	0.002
5964	15	<0.001
5965	15	<0.001
5966	36	0.001
5967	20	<0.001
5968	25	<0.001
5969	20	<0.001
5970	27	0.001
5971	9	<0.001
5971 Repeat	11	<0.001
5972	34	0.001
5973	27	0.001
5974	86	0.002
5975	45	0.001
5976	34	0.001
5977	38	0.001
5978	45	0.001
5979	124	0.004
5980	67	0.002
5981	45	0.001
5982	86	0.002
5983	6	<0.001
5984	51	0.002
5985	15	<0.001
5986	31	0.001
5987	22	0.001
5988	22	0.001
5989	41	0.001
5989 Repeat	50	0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5990	29	0.001
5991	45	0.001
5992	119	0.003
5993	36	0.001
5994	115	0.003
5995	687	0.020
5996	47	0.001
5997	178	0.005
5998	25	0.001
5999	22	0.001
6000	90	0.003
5057	<5	<0.001
5058	<5	<0.001
5059	11	<0.001
5060	6	<0.001
5061	<5	<0.001
5062	<5	<0.001
5063	<5	<0.001
5063 Repeat	<5	<0.001
5064	6	<0.001
5065	9	<0.001
5066	6	<0.001
5067	<5	<0.001
5068	<5	<0.001
5069	131	0.004
5070	<5	<0.001
5071	<5	<0.001
5072	<5	<0.001
5073	13	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5074	11	<0.001
5075	<5	<0.001
5076	<5	<0.001
5077	<5	<0.001
5078	<5	<0.001
5078 Repeat	<5	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5561	<5	<0.001
5562	<5	<0.001
5563	5	<0.001
5564	11	<0.001
5565	28	0.001
5566	7	<0.001
5567	18	<0.001
5568	5	<0.001
5569	7	<0.001
5569 Repeat	7	<0.001
5570	5	<0.001
5571	69	0.002
5572	20	<0.001
5573	5	<0.001
5574	28	0.001
5575	7	<0.001
5576	22	0.001
5577	15	<0.001
5578	20	<0.001
5579	30	0.001
5580	22	0.001
5581	30	0.001
5582	26	0.001
5583	9	<0.001
5584	15	<0.001
5585	7	<0.001
5586	9	<0.001
5587	11	<0.001
5587 Repeat	15	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5588	11	<0.001
5589	13	<0.001
5590	13	<0.001
5591	7	<0.001
5592	7	<0.001
5593	<5	<0.001
5594	13	<0.001
5595	13	<0.001
5596	24	0.001
5597	13	<0.001
5598	9	<0.001
5599	37	0.001
5600	5	<0.001
5601	11	<0.001
5602	5	<0.001
5603	11	<0.001
5604	<5	<0.001
5605	<5	<0.001
5605 Repeat	<5	<0.001
5606	5	<0.001
5607	<5	<0.001
5608	7	<0.001
5609	<5	<0.001
5610	<5	<0.001
5611	<5	<0.001
5612	9	<0.001
5613	7	<0.001
5614	5	<0.001
5615	5	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5616	11	<0.001
5617	5	<0.001
5618	7	<0.001
5619	7	<0.001
5620	5	<0.001
5621	<5	<0.001
5622	7	<0.001
5623	<5	<0.001
5624	<5	<0.001
5625	5	<0.001
5626	7	<0.001
5626 Repeat	5	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5627	19	<0.001
5628	26	0.001
5629	19	<0.001
5630	31	0.001
5631	7	<0.001
5632	9	<0.001
5633	<5	<0.001
5634	14	<0.001
5635	5	<0.001
5635 Repeat	7	<0.001
5636	5	<0.001
5637	28	0.001
5638	17	<0.001
5639	<5	<0.001
5640	31	0.001
5641	21	0.001
5642	14	<0.001
5643	31	0.001
5644	54	0.002
5645	17	<0.001
5646	15	<0.001
5647	24	0.001
5648	26	0.001
5649	33	0.001
5650	21	0.001
5651	33	0.001
5652	14	<0.001
5653	19	<0.001
5653 Repeat	19	<0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5654	33	0.001
5655	14	<0.001
5656	<5	<0.001
5657	<5	<0.001
5658	<5	<0.001
5659	<5	<0.001
5660	7	<0.001
5661	5	<0.001
5662	<5	<0.001
5663	12	<0.001
5664	5	<0.001
5665	<5	<0.001
5666	<5	<0.001
5667	<5	<0.001
5668	7	<0.001
5669	7	<0.001
5670	<5	<0.001
5671	<5	<0.001
5671 Repeat	<5	<0.001
5672	49	0.001
5673	45	0.001
5674	240	0.007
5675	54	0.002
5676	12	<0.001
5677	14	<0.001
5678	28	0.001
5679	17	<0.001
5680	42	0.001
5681	26	0.001

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Pulp Samples

Sample Id	Au FA/AA3 ppb	Au FA/AA3 oz/T
5682	21	0.001
5683	61	0.002
5684	61	0.002
5685	177	0.005
5686	42	0.001
5687	17	<0.001
5688	21	0.001
5689	384	0.011
5690	5	<0.001
5691	12	<0.001
5692	5	<0.001
5693	<5	<0.001
5693 Repeat	5	<0.001

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Attn: Mr. Lou Chastko
Project:

Received: 18-Feb-92 08:53

PO #:

Job: 921012R

Status: Final

Signed: Howard Lahti

Howard Lahti, Ph.D.
Laboratory Manager

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Attn: Mr. Lou Chastko
Project:

Received: 24-Feb-92 09:46

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Job: 921014R

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Signed: .....Howard Lahti.....
Howard Lahti, Ph.D.
Laboratory Manager

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Attn: Mr. Lou Chastko
Project:

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PO #:

Job: 9210172R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6018	2	113	4	47	<0.1	24	23
6019	2	99	9	44	<0.1	25	22
6020	2	142	8	29	<0.1	28	22
6021	1	132	9	31	<0.1	29	21
6022	2	99	5	30	<0.1	20	18
6023	1	110	17	33	0.3	23	18
6024	2	242	12	48	<0.1	24	18
6025	3	245	10	234	<0.1	43	34
6026	<1	274	13	139	<0.1	81	37
6027	1	120	5	29	<0.1	16	14
6028	1	213	11	29	<0.1	18	26
6029	3	222	3	41	0.4	20	25
6030	3	434	4	40	0.3	18	24
6031	2	170	5	39	0.3	20	24
6032	11	69	15	94	<0.1	31	28
6033	16	199	16	1669	1.3	65	53
6034	4	89	5	69	0.4	96	64
6035	15	157	17	126	1.3	115	137
6036	17	34	8	143	<0.1	40	58
6037	13	75	4	131	0.3	49	77
6038	10	49	11	140	0.4	35	52
6039	8	315	40	2406	1.4	91	149
6040	23	231	24	933	1.5	125	122
6041	10	244	12	501	1.0	98	49
6042	7	240	20	1027	1.1	93	52
6043	13	68	14	453	0.8	64	56
6044	11	80	20	564	0.8	46	35
6045	10	278	24	1586	1.2	84	65
6046	8	148	21	849	0.7	63	54

03-03-92 10:52 ACC. REDLAKE

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Attn: Mr. Lou Chastko
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Job: 921016R

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6047	6	250	10	1135	0.4	55	55
6048	5	162	19	246	0.7	38	40
6049	6	241	15	483	1.0	63	65
6050	6	207	33	210	0.8	29	39
6051	12	103	14	638	0.5	60	51
6052	4	34	3	170	<0.1	22	26
6053	4	28	22	80	<0.1	27	21
6054	2	29	14	70	<0.1	21	20
6055	4	50	17	112	<0.1	32	29
6056	3	32	12	102	<0.1	25	22
6057	2	25	17	69	<0.1	17	19
6058	2	46	9	91	0.1	25	23
6059	4	85	9	643	0.7	45	34
6060	2	29	17	87	<0.1	20	18
6061	2	32	18	97	0.3	20	16
6062	5	60	<2	544	0.7	36	31
6063	2	62	14	139	0.8	45	34
6064	3	25	15	78	0.4	23	21
6065	2	34	7	77	0.3	25	22
6066	6	227	14	88	0.9	41	72
6067	5	30	10	157	<0.1	23	30
6068	1	71	10	44	<0.1	27	28
6069	7	260	17	585	0.9	52	60
6070	5	73	21	124	0.4	26	36
6071	3	68	12	52	0.7	90	48
6072	6	148	11	60	0.8	89	59
6073	4	45	14	68	0.1	31	35
6074	1	628	8	77	0.3	166	95
6075	11	338	33	2170	0.6	127	85

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Job: 921016R
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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6076	15	178	31	1178	1.2	87	64
6077	4	31	20	173	0.4	15	24
6078	7	182	19	1157	0.8	77	53
6079	5	107	24	564	0.6	49	42
6080	15	41	13	282	0.5	39	51
6081	5	27	15	89	0.5	27	35
6082	18	161	15	1110	1.5	84	62
6083	117	162	23	879	1.4	77	62
6084	135	115	14	593	1.1	66	56
6085	35	48	17	175	1.1	48	56
6086	4	24	18	62	<0.1	19	18
6087	3	26	15	87	<0.1	23	22
6088	2	33	18	101	<0.1	28	22
6089	8	141	5	915	0.8	45	40
6090	8	48	9	381	0.6	21	28
6091	6	159	12	1252	0.9	66	46
6092	10	78	5	709	0.6	45	39
6093	9	102	10	3281	0.8	60	55
6094	6	91	19	830	0.8	48	38
6095	3	70	35	206	0.8	48	39
6096	3	273	16	43	1.0	46	34
6097	2	298	19	81	0.8	37	32
6098	2	165	17	78	0.7	43	41
6099	3	194	27	87	1.1	70	45
7000	5	371	27	115	1.2	62	34
7001	1	127	14	37	0.9	59	33
7002	4	85	29	87	1.3	49	48
7003	5	23	10	126	0.3	18	34
7004	6	45	18	151	0.3	23	38

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Job: 921016R

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
7005	4	33	11	137	0.5	18	29
7006	1	118	19	183	0.6	60	44
7007	13	79	14	90	1.3	99	111
7008	3	107	6	38	0.4	29	31
7009	10	41	12	73	0.2	33	35
7010	15	120	14	109	0.9	56	78
7011	9	28	11	94	0.1	24	44
7012	5	26	17	173	<0.1	16	26
7013	8	39	18	228	0.1	20	30
7014	5	24	12	91	<0.1	14	26
7015	4	83	36	567	0.3	30	30
7016	5	60	25	212	0.5	27	26
7017	4	146	23	788	0.9	32	41
7018	1	204	14	91	0.1	93	50
7019	5	82	22	208	0.2	32	35
7020	3	251	46	828	1.3	71	73
7021	1	129	19	79	0.3	85	49
7022	1	307	18	59	0.8	33	39
7023	1	154	19	119	0.8	39	32
7024	2	108	24	37	0.6	63	35
7025	4	88	21	125	0.6	52	34
7026	5	175	33	771	0.4	62	52
7027	7	46	23	183	0.6	36	37
7028	15	54	32	765	0.7	46	54
7029	11	102	27	311	1.0	46	58
7030	11	72	17	323	1.0	39	52
7031	5	67	25	125	0.6	25	37
7032	3	41	16	78	0.1	53	29
7033	3	31	15	65	<0.1	29	22

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
7034	3	479	8	60	0.7	47	42
7035	2	75	3	26	0.1	39	22
7036	2	1558	17	53	1.0	40	55
7037	2	150	<2	30	0.2	20	25
7038	3	107	8	26	0.3	21	21
7039	1	91	<2	34	0.4	16	18
7040	4	98	12	123	0.8	62	46
7041	3	123	14	47	0.6	74	49
7042	2	116	<2	38	0.1	53	30
7043	1	124	7	44	0.5	47	24
7044	1	130	6	61	0.4	71	38
7045	2	92	8	82	0.5	21	22
7046	2	91	7	30	0.2	20	26
7047	2	81	5	30	0.3	16	18
7048	1	65	8	34	0.5	18	19
7049	2	108	11	42	0.5	26	25
7050	2	75	<2	32	0.2	15	18
7051	1	102	13	34	<0.1	18	22
7052	2	131	4	37	0.3	62	30
7053	<1	117	7	62	0.5	52	26
7054	3	66	5	32	0.7	59	29
7055	1	31	10	43	0.7	64	27
7056	2	109	10	39	0.4	53	29
7057	9	278	25	174	1.4	99	86
7058	8	63	14	117	0.5	36	35
7059	10	32	9	83	0.8	23	38
7060	8	314	33	2288	1.2	78	66
7061	7	57	20	307	0.9	33	37
7062	11	55	17	205	1.2	39	41

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Job: 921016R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
7063	6	66	22	223	0.9	37	44
7064	7	16	17	165	0.3	21	26
7065	9	36	24	201	0.6	29	30
7066	4	89	22	750	0.1	33	33
7067	7	420	56	2403	1.7	96	244
7068	2	104	18	113	0.7	40	42
7069	6	198	56	1771	1.1	69	78
7070	9	280	44	1432	1.6	62	65
7071	8	316	37	3105	1.4	84	66
7072	7	298	32	2303	1.2	67	57
7073	8	407	27	1999	1.1	51	57

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6047	477	6.38	51	5	7
6048	499	6.76	37	2	<3
6049	700	9.59	61	<2	<3
6050	839	10.34	812	<2	<3
6051	575	4.91	68	4	<3
6052	473	3.58	42	3	<3
6053	389	3.39	50	<2	<3
6054	376	3.22	39	<2	<3
6055	447	3.73	44	3	<3
6056	448	3.28	38	<2	<3
6057	486	2.86	21	<2	23
6058	663	3.95	178	3	16
6059	548	4.46	81	3	12

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Job: 921016R

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6060	530	3.02	24	2	14
6061	453	3.28	57	<2	12
6062	454	3.77	15	2	11
6063	804	6.17	17	<2	<3
6064	567	3.21	12	5	12
6065	468	3.69	17	<2	<3
6066	504	11.47	<2	4	<3
6067	685	4.89	18	<2	14
6068	771	4.37	18	<2	19
6069	681	13.79	36	<2	12
6070	519	5.50	68	<2	16
6071	402	5.03	18	<2	17
6072	410	12.29	<2	<2	10
6073	494	4.71	20	<2	14
6074	492	13.44	18	<2	<3
6075	830	11.61	28	<2	<3
6076	472	5.67	94	4	4
6077	432	2.20	41	<2	10
6078	394	8.71	8	2	<3
6079	484	6.08	48	2	<3
6080	516	3.35	96	6	7
6081	621	3.36	24	4	<3
6082	468	8.12	99	9	<3
6083	443	8.19	383	6	<3
6084	451	6.42	292	9	4
6085	584	4.33	165	12	<3
6086	478	2.79	22	<2	16
6087	453	3.33	42	<2	16
6088	512	4.16	31	<2	4

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PO #:

Job: 921016R

Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6089	395	5.71	17	2	9
6090	431	3.95	74	<2	<3
6091	879	7.14	15	<2	8
6092	499	4.89	34	2	12
6093	491	5.37	103	<2	9
6094	810	4.67	70	<2	3
6095	1000	6.58	73	<2	<3
6096	721	5.39	60	<2	3
6097	966	5.84	66	<2	8
6098	869	5.08	60	4	4
6099	1060	15.04	4	3	<3
7000	1580	14.41	14	2	<3
7001	476	3.86	32	<2	<3
7002	821	10.02	12	<2	<3
7003	534	3.99	12	<2	<3
7004	571	6.07	<2	2	<3
7005	504	5.15	16	<2	<3
7006	814	14.03	6	<2	<3
7007	982	6.55	40	3	<3
7008	807	4.11	55	<2	7
7009	493	3.36	34	<2	4
7010	459	5.93	26	7	<3
7011	378	2.70	25	5	10
7012	373	2.70	34	6	4
7013	392	3.00	50	3	10
7014	452	2.53	34	2	8
7015	802	5.45	103	<2	4
7016	282	2.25	66	<2	17
7017	458	7.04	66	2	3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
7018	895	5.50	90	<2	<3
7019	592	5.92	37	<2	5
7020	495	19.41	93	2	<3
7021	744	5.43	318	3	<3
022	865	5.68	49	<2	<3
7023	505	3.81	24	<2	<3
7024	627	4.02	32	<2	<3
7025	756	4.08	21	<2	12
7026	617	7.12	111	<2	7
7027	836	5.46	32	<2	<3
7028	815	5.49	31	6	<3
7029	746	8.07	17	<2	<3
7030	600	6.85	16	2	<3
7031	485	6.09	26	<2	4
7032	944	4.19	41	<2	<3
7033	497	2.40	44	2	<3
7034	583	10.19	5	<2	<3
7035	178	2.53	27	<2	3
7036	929	8.36	58	<2	<3
7037	781	3.50	56	3	<3
7038	750	2.56	24	<2	3
7039	788	3.19	44	3	5
7040	638	7.08	65	4	<3
7041	581	4.26	72	4	<3
7042	865	4.90	80	3	<3
7043	780	4.70	95	<2	<3
7044	327	2.98	50	<2	<3
7045	2250	9.93	262	<2	4
7046	677	3.03	61	<2	5

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Attn: Mr. Lou Chastko
Project:
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Job: 921016R
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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
7047	668	2.31	31	3	10
7048	931	3.69	59	<2	10
7049	735	2.96	55	4	<3
7050	699	2.51	30	7	5
7051	948	3.18	45	<2	<3
7052	770	3.91	34	4	<3
7053	1060	5.95	52	3	<3
7054	396	3.02	44	<2	<3
7055	425	4.34	28	2	<3
7056	546	2.98	54	3	<3
7057	686	16.74	21	6	<3
7058	405	2.72	63	8	19
7059	354	2.69	33	6	5
7060	539	3.75	89	11	<3
7061	428	5.74	22	<2	8
7062	599	7.89	79	5	<3
7063	595	8.20	16	4	7
7064	485	2.88	61	4	9
7065	406	5.51	25	4	6
7066	454	4.68	96	6	3
7067	645	14.06	196	5	<3
7068	298	4.85	96	<2	<3
7069	664	9.11	68	8	<3
7070	591	8.19	23	3	<3
7071	748	11.21	10	3	<3
7072	662	7.98	15	4	<3
7073	488	5.81	31	6	4

03-03-92 10:51 ACC. REDLAKE

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THUNDER BAY DIVISION

6735 McADAM ROAD
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3-Mar-92

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Attn: Mr. Lou Chastko
Project:

Received: 24-Feb-92 14:16

PO #:

Job: 921016R

Status: Final

Signed: .....Howard Lahti.....
Howard Lahti, Ph.D.
Laboratory Manager

ID=18077273765 P.13

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Project:

Received: 3-Mar-92 07:44
PO #:

Job: 921018R
Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
7076	465	5.04	16	<2	11
7077	1490	10.15	144	<2	<3
7078	580	4.12	36	2	<3
7079	508	3.15	16	<2	<3
7080	1340	8.59	39	8	<3
7081	851	22.53	51	16	<3
7082	1840	11.33	21	10	<3
7083	719	6.86	23	2	<3
7084	314	2.15	21	<2	6
7085	398	2.82	14	<2	4
7086	794	4.12	54	<2	16
7087	703	3.86	35	3	<3
7088	361	2.28	23	7	<3
7089	662	6.19	20	6	<3
7090	533	3.15	101	6	<3
7091	801	8.21	200	4	<3
7092	568	6.24	54	4	<3
7093	545	4.63	26	8	<3
7094	773	4.58	31	8	<3
7095	114	1.23	11	<2	<3
7096	247	2.97	13	4	<3
7097	494	1.87	41	2	<3
7098	633	3.28	26	<2	<3
7099	549	2.18	28	<2	<3

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Attn: Mr. Lou Chastko
Project:

Received: 3-Mar-92 07:44

PO #:

Job: 921018R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
7076	5	71	22	433	0.2	32	51
7077	8	229	44	1358	1.1	81	66
7078	4	106	17	84	<0.1	73	47
7079	3	134	16	41	<0.1	89	45
7080	10	282	84	2082	1.2	61	66
7081	8	972	85	4036	2.4	133	125
7082	13	302	76	2517	1.1	76	85
7083	5	139	17	154	0.4	89	65
7084	3	33	13	38	<0.1	30	28
7085	2	34	15	33	<0.1	28	23
7086	6	60	33	113	0.1	45	51
7087	2	99	23	84	<0.1	59	40
7088	6	25	29	86	<0.1	20	40
7089	9	50	26	247	0.5	41	56
7090	6	28	15	112	0.1	27	42
7091	6	134	33	435	0.4	86	75
7092	7	184	24	1159	0.2	55	68
7093	8	111	13	904	0.6	46	70
7094	9	139	27	1353	<0.1	44	61
7095	4	33	15	214	<0.1	13	27
7096	4	44	15	149	<0.1	22	34
7097	<1	154	17	29	<0.1	42	16
7098	1	94	11	30	<0.1	44	17
7099	1	117	17	20	<0.1	41	12

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PO #:

Job: 921010R

Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6200	467	1.90	47	<2	14
6201	689	3.66	31	<2	9
6202	766	3.78	23	<2	<3
6203	608	2.71	20	<2	6
6204	473	2.37	27	<2	5
6205	603	3.20	15	<2	4
6206	906	3.79	18	<2	<3
6207	759	7.16	25	<2	3
6208	919	8.39	109	<2	9
6209	6600	20.64	73	10	<3
6210	2580	23.76	23	5	6
6211	403	12.61	59	<2	<3
6212	786	8.40	133	<2	<3
6213	842	5.12	107	<2	<3
6214	660	4.04	83	<2	<3
6215	913	5.84	94	<2	<3
6216	230	2.41	38	<2	<3
6217	683	2.46	27	<2	<3
6218	1410	12.54	64	<2	5
6219	1050	19.00	20	3	<3
6220	994	9.43	31	3	<3
6221	1150	8.98	41	5	<3
6222	983	8.40	61	<2	<3
6223	589	2.92	30	<2	<3
6224	388	2.70	286	7	11
6225	411	4.70	38	2	9
7074	762	7.48	164	3	<3
7075	712	8.36	49	5	<3

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Job: 921018R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6200	2	99	13	29	<0.1	45	17
6201	2	121	14	31	0.1	52	17
6202	2	130	9	35	0.1	50	19
6203	2	129	8	28	<0.1	48	12
6204	1	100	6	23	<0.1	48	9
6205	1	99	12	29	0.1	55	15
6206	1	119	10	34	<0.1	56	15
6207	1	113	18	37	<0.1	47	14
6208	5	49	16	116	0.4	88	46
6209	5	187	41	365	1.6	156	120
6210	4	215	51	148	2.0	201	89
6211	4	124	27	84	0.1	121	62
6212	4	84	18	87	<0.1	114	47
6213	9	61	17	69	0.2	51	56
6214	10	30	15	65	0.1	60	87
6215	7	124	31	104	0.7	128	95
6216	4	164	16	28	0.5	116	52
6217	2	92	27	34	0.5	60	31
6218	10	354	84	2861	1.9	124	104
6219	7	373	55	3377	2.1	155	99
6220	10	238	53	1354	0.8	87	92
6221	10	251	47	2286	1.1	77	79
6222	7	195	33	1319	0.7	70	68
6223	2	102	21	91	<0.1	65	46
6224	5	65	29	200	<0.1	40	41
6225	6	46	21	208	<0.1	36	52
7074	6	146	25	786	0.7	56	62
7075	10	257	28	1406	0.8	70	86

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Job: 921018R
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Signed: Howard Lahti

Howard Lahti, Ph.D.
Laboratory Manager

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Job: 921022R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6226	11	44	10	184	<0.1	33	55
6227	7	84	9	203	<0.1	40	54
6228	8	407	36	2631	0.7	79	103
6229	4	165	18	945	0.3	37	58
6230	10	688	22	3310	0.9	71	81
6231	4	152	17	588	0.2	42	49
6232	7	74	14	604	0.1	25	44
6233	4	487	23	1767	1.9	55	59
6234	10	185	18	1947	0.6	69	90
6235	9	356	28	2945	0.6	91	92
6236	10	191	41	2742	1.2	67	73
6237	10	203	27	688	1.3	113	102
6238	10	103	32	146	1.0	44	58
6239	8	18	19	78	0.8	23	38
6240	7	14	15	71	0.6	20	34
6241	9	62	31	355	0.7	39	50
6242	4	27	17	95	0.5	29	42
6243	5	37	16	101	0.4	36	46
6244	5	37	13	86	0.6	31	40
6245	3	72	7	30	0.7	75	46
6246	6	98	32	542	1.4	34	105
6247	6	97	47	465	1.6	37	139
6248	7	116	51	522	1.8	38	156
6249	8	148	39	357	1.6	65	119
6250	7	136	30	172	1.1	45	61
6251	6	149	18	339	0.8	42	40
6252	3	71	3	73	1.0	101	64
6253	4	34	8	117	1.0	49	42

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Attn: Mr. Lou Chastko
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Project:
PO #:

Job: 921022R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6254	10	58	21	779	0.6	40	53
6255	7	19	8	143	0.6	25	41
6256	6	17	17	103	0.1	21	34
6257	7	26	32	94	0.3	23	36
6258	6	17	10	64	0.3	19	34
6259	8	90	11	240	0.5	39	44
6260	1	170	<2	24	0.3	25	22
6261	2	130	8	28	0.2	60	33
6262	7	694	55	1642	2.7	86	229
6263	14	415	51	2764	1.6	66	76
6264	5	108	11	668	0.8	89	64
6265	10	373	68	2898	1.8	77	144
6266	10	509	79	5255	2.5	184	198
6267	4	123	6	405	0.2	77	58
6268	4	25	8	135	0.1	21	32
6269	5	31	6	177	0.1	19	30
6270	6	137	11	629	0.2	73	65
6271	3	50	8	125	0.1	31	39
6272	6	34	11	105	0.1	31	40
6273	3	100	8	52	0.2	47	32
6274	2	127	5	43	0.1	57	34
6275	11	27	13	57	0.1	22	36
6276	8	46	4	141	<0.1	26	32
6277	4	61	4	285	0.1	33	40
6278	1	99	2	21	<0.1	28	17
6279	<1	154	4	30	0.2	50	24
6280	1	70	6	47	0.1	57	42
6281	7	508	33	2364	1.1	71	76

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Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6282	2	84	7	137	0.2	18	28
6283	2	78	4	38	<0.1	13	20
6284	5	244	<2	287	<0.1	62	58
6285	5	127	3	740	<0.1	24	37
6286	5	298	20	1857	0.4	44	63
6287	7	626	30	2655	1.1	73	85
6288	5	269	34	897	1.0	60	74
6289	4	29	23	109	0.2	6	27
6290	3	26	14	118	0.3	3	27
6291	3	19	10	64	0.3	3	24
6302	<1	112	2	38	<0.1	55	30
6303	8	130	28	109	0.7	36	50
6304	7	54	32	91	0.3	16	41
6305	7	485	28	4031	1.2	76	73
6306	3	50	5	260	0.4	63	49
6307	10	43	12	58	0.4	39	49
6308	8	48	14	200	0.2	31	43
6309	5	66	5	116	0.3	53	49
6310	3	68	16	126	0.3	50	43
6311	6	260	20	1272	0.5	44	55
6312	5	257	26	1305	1.0	64	77
6313	4	63	21	284	0.2	27	39

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Received: 5-Mar-92 09:29

PO #:

Job: 921022R

Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6226	362	3.70	26	10	6
6227	409	4.70	62	6	<3
6228	592	8.02	171	10	<3
6229	627	6.04	106	7	<3
6230	532	7.38	67	12	<3
6231	604	4.76	10	3	<3
6232	485	3.51	15	4	<3
6233	740	6.14	54	4	<3
6234	650	8.29	22	11	<3
6235	656	11.09	22	9	<3
6236	522	6.61	22	6	<3
6237	434	13.24	42	7	3
6238	382	5.24	27	5	<3
6239	343	2.12	21	3	<3
6240	257	1.57	23	2	<3
6241	606	4.07	38	4	<3
6242	520	3.27	23	5	<3
6243	767	4.11	26	4	<3
6244	596	3.73	24	3	6
6245	456	4.35	25	3	3
6246	382	19.02	113	9	<3
6247	280	23.15	168	15	<3
6248	248	24.12	174	36	<3
6249	270	21.07	136	15	<3
6250	398	12.50	40	13	<3
6251	591	10.91	21	6	<3
6252	612	5.45	24	3	<3
6253	669	5.88	25	4	<3

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Attn: Mr. Lou Chastko
Received: 5-Mar-92 09:29
Project:
PO #:

Job: 921022R
Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6254	467	8.61	29	5	<3
6255	512	4.14	27	5	<3
6256	307	3.16	118	4	<3
6257	211	4.48	59	5	<3
6258	213	2.23	40	5	<3
6259	373	2.89	141	5	<3
6260	299	1.63	9	4	<3
6261	589	2.19	13	3	<3
6262	2740	16.07	41	16	<3
6263	1620	7.65	47	7	<3
6264	1450	5.77	213	8	<3
6265	1920	11.74	33	8	<3
6266	1380	14.73	289	11	<3
6267	1570	5.37	26	3	<3
6268	420	1.69	49	4	<3
6269	398	1.99	25	2	<3
6270	555	6.38	78	3	<3
6271	528	4.27	39	2	<3
6272	483	3.66	32	3	<3
6273	417	2.91	15	4	<3
6274	312	1.96	51	2	<3
6275	319	2.27	21	7	27
6276	189	2.00	45	3	15
6277	454	4.47	57	5	3
6278	224	1.09	13	2	6
6279	471	3.67	27	4	<3
6280	445	3.83	596	6	5
6281	454	7.47	63	10	<3

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Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6282	298	2.60	29	5	<3
6283	183	1.57	37	3	<3
6284	489	5.35	41	8	<3
6285	388	3.74	9	6	<3
6286	569	6.20	59	9	<3
6287	429	10.42	40	11	<3
6288	572	8.65	26	12	<3
6289	343	2.60	18	5	6
6290	291	1.77	18	7	11
6291	251	1.44	11	6	19
6302	405	2.05	8	7	<3
6303	769	7.66	16	13	<3
6304	505	3.95	8	10	8
6305	913	13.68	34	25	<3
6306	671	3.98	99	8	<3
6307	500	2.92	20	11	9
6308	443	3.85	32	14	15
6309	451	3.64	75	13	4
6310	520	3.69	46	10	4
6311	653	5.58	29	12	<3
6312	1050	9.30	66	13	<3
6313	426	4.87	26	8	9

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Attn: Mr. Lou Chastko
Received: 5-Mar-92 09:29
Project:
PO #:

Job: 921022R
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Signed:
.....
Jeffrey Davis B.Sc.
Supervisor Environmental Services

BARRINGER LABORATORIES

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8-Apr-92

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P.O. Box 7, Station A
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R3K 1Z9

Attn: Mr. Lou Chastko
Project:
PO #:
Received: 13-Mar-92 15:57

Job: 921024R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6292	14	34	19	115	0.3	33	53
6293	5	190	11	143	1.0	175	76
6294	3	197	8	154	0.2	178	66
6295	5	161	9	123	0.6	173	77
6296	7	136	4	160	0.1	192	92
6297	5	189	14	118	0.5	171	70
6298	7	178	8	95	<0.1	142	62
6299	6	195	2	124	0.5	180	57
6300	4	163	18	193	0.3	154	52
6301	3	244	4	112	0.2	175	56
6314	11	379	51	2186	0.5	94	65
6315	8	89	26	753	0.3	32	40
6316	7	486	38	1024	<0.1	110	75
6317	11	76	27	150	0.5	40	48
6318	1	179	5	30	0.2	86	49
6319	1	142	3	740	<0.1	141	47
6320	1	116	10	337	<0.1	96	48
6321	2	171	6	85	0.2	110	41
6322	7	246	10	1645	0.3	93	55
6323	7	568	19	608	0.1	115	63
6324	7	460	23	165	0.3	95	64
6325	4	1154	35	283	0.2	191	208
6326	7	537	7	218	0.2	102	67
6327	7	649	13	267	<0.1	131	99
6328	2	149	2	160	0.3	104	52
6329	2	133	<2	30	0.4	87	35
6330	3	266	4	64	0.4	117	63
6331	4	556	5	101	<0.1	163	151

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Attn: Mr. Lou Chastko
Received: 13-Mar-92 15:57
Project:
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Job: 921024R
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6332	2	81	<2	51	0.1	79	39
6333	2	198	4	28	0.1	111	46
6334	2	195	5	48	0.1	101	52
6335	3	257	6	451	0.2	107	74
6336	6	534	25	5568	0.3	113	173
6337	4	227	7	1091	<0.1	118	106
6338	5	314	13	516	<0.1	106	99
6339	3	138	7	186	<0.1	39	40
6340	2	181	6	92	0.3	76	42
6341	14	631	8	313	0.1	79	78
6342	11	182	15	246	<0.1	69	87
6343	18	34	10	63	0.5	45	71
6344	14	37	10	124	0.6	41	53
6345	10	70	20	210	0.3	47	59
6346	10	52	22	202	<0.1	43	63
6347	10	80	26	308	<0.1	46	54
6348	12	50	20	324	<0.1	46	56
6349	9	45	17	254	0.1	39	43
6350	10	104	8	949	0.1	48	65
6351	12	416	21	2025	1.3	85	93
6352	10	370	23	1313	0.9	87	97
6353	11	492	42	3675	0.3	99	133
6354	8	244	30	1637	0.3	63	75
6355	9	308	42	2761	0.3	83	97
6356	9	204	25	1871	<0.1	74	82
6357	7	321	24	1875	0.4	72	72
6358	10	199	21	804	<0.1	75	87
6359	11	110	28	202	0.4	44	62

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Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6360	3	62	61	137	0.2	22	24
6361	6	27	14	74	0.1	19	28
6362	5	165	6	41	<0.1	51	67
6363	2	131	4	91	0.3	55	45
6364	<1	183	<2	24	<0.1	45	26
6365	1	254	<2	26	0.3	75	41
6366	2	98	<2	17	0.3	64	31
6367	2	146	2	43	<0.1	135	72
6368	2	61	<2	25	0.4	102	48
6369	1	259	4	43	<0.1	147	66
6370	3	484	28	71	<0.1	193	132
6371	1	181	<2	39	0.1	92	41
6372	<1	45	<2	27	0.2	63	23
6373	1	111	11	47	<0.1	72	35
6374	<1	31	3	19	0.7	55	29
6375	1	66	11	35	0.4	68	36
6376	1	81	11	37	0.1	106	47
6377	5	9	8	21	0.5	28	36
6378	3	62	19	50	<0.1	95	46
6379	1	77	27	201	<0.1	46	43
6380	1	348	16	74	<0.1	90	55
6381	5	59	15	88	0.2	80	58
6382	3	189	16	175	<0.1	71	66
6383	2	120	10	46	<0.1	61	61
6384	2	97	9	30	<0.1	21	37
6385	4	179	3	35	<0.1	39	73
6386	2	133	9	53	<0.1	67	44
6387	10	47	27	169	0.4	40	60

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PO #:

Job: 921024R

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6388	14	32	13	31	0.8	43	77
6389	11	125	14	878	<0.1	75	82
6390	13	27	22	195	0.6	39	77
6391	7	255	22	238	<0.1	79	140
6392	17	77	20	180	0.6	63	81
6393	8	26	11	122	<0.1	24	40
6394	5	47	16	126	<0.1	29	41
6395	6	27	18	115	0.2	27	44
6396	7	70	15	363	0.1	51	48
6397	6	77	18	349	0.1	42	55
6398	10	91	12	693	0.1	54	73
6399	8	86	15	260	0.2	51	64
6400	4	138	<2	92	0.2	117	72
6401	5	123	42	68	0.1	76	66
6402	3	84	16	25	<0.1	82	73
6403	7	79	22	143	<0.1	72	73
6404	7	402	20	1874	0.2	64	76
6405	7	129	48	362	0.8	28	51
6406	1	58	15	70	<0.1	20	35
6407	1	49	13	65	<0.1	38	31
6408	2	145	11	68	<0.1	29	44
6409	1	123	14	180	<0.1	39	57
6410	2	110	13	119	<0.1	43	42
6411	1	90	4	38	<0.1	44	39
6412	2	150	18	84	0.3	51	42
6413	2	194	9	61	0.2	41	36
6414	2	149	12	54	<0.1	38	35
6415	4	300	6	200	0.3	52	61

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Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6416	1	45	8	25	<0.1	12	21
6417	2	90	13	68	<0.1	28	29
6418	1	99	10	43	<0.1	20	29
6419	1	83	3	20	<0.1	21	22
6420	2	100	9	27	<0.1	23	26
6421	1	24	4	10	<0.1	12	17
6422	2	13	4	11	<0.1	7	11
6423	2	31	7	13	<0.1	13	18
6424	2	154	16	261	<0.1	62	42

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6292	427	2.54	17	7	12
6293	654	7.43	54	13	<3
6294	752	8.76	39	2	<3
6295	1130	7.89	47	4	<3
6296	1980	9.04	46	<2	<3
6297	897	7.00	38	2	<3
6298	373	4.63	58	<2	<3
6299	679	6.63	43	5	<3
6300	1130	9.73	28	<2	<3
6301	332	5.75	31	<2	<3
6314	1480	17.84	20	15	<3
6315	648	4.64	18	8	<3
6316	754	20.35	62	11	<3
6317	508	6.01	39	9	8
6318	186	3.27	192	3	6

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6319	317	4.15	93	3	<3
6320	351	5.31	81	5	4
6321	500	8.72	54	9	<3
6322	1130	9.54	38	7	<3
6323	776	15.46	83	15	<3
6324	754	12.80	174	7	<3
6325	939	25.10	13	12	<3
6326	1180	13.73	23	6	4
6327	1150	17.45	54	6	<3
6328	606	5.96	20	3	4
6329	250	2.50	10	<2	<3
6330	542	4.40	17	4	<3
6331	758	13.50	<2	3	<3
6332	534	3.01	15	4	<3
6333	214	2.62	11	3	<3
6334	302	2.93	59	6	4
6335	358	4.01	83	<2	4
6336	541	9.06	291	8	<3
6337	354	4.97	204	6	10
6338	560	7.41	25	8	7
6339	424	3.02	12	<2	7
6340	539	2.84	16	4	7
6341	1160	11.68	19	7	3
6342	833	13.49	12	6	5
6343	386	3.47	20	10	16
6344	454	3.43	23	8	13
6345	628	9.13	12	3	7
6346	804	7.77	41	4	<3

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6347	470	9.00	12	6	4
6348	602	6.17	20	6	7
6349	406	6.29	15	6	3
6350	823	5.21	108	8	<3
6351	888	10.13	50	8	<3
6352	783	10.36	166	8	<3
6353	664	11.67	20	4	<3
6354	812	8.32	21	11	3
6355	748	8.14	37	5	<3
6356	578	6.89	13	5	<3
6357	715	8.37	31	<2	3
6358	620	8.56	44	6	<3
6359	468	6.74	109	7	5
6360	1250	5.73	54	<2	13
6361	799	3.38	23	<2	17
6362	772	4.38	18	3	3
6363	943	6.24	103	<2	11
6364	429	3.34	16	<2	3
6365	571	4.97	20	4	4
6366	368	2.07	9	<2	<3
6367	615	12.89	3	4	4
6368	428	4.61	5	6	6
6369	576	12.82	9	<2	<3
6370	472	27.19	6	3	12
6371	614	8.71	6	2	4
6372	612	5.36	8	4	<3
6373	667	11.84	21	7	<3
6374	331	2.85	10	2	4

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6375	595	5.02	34	2	<3
6376	658	8.43	86	7	<3
6377	220	1.66	20	5	<3
6378	518	5.89	75	2	<3
6379	1300	22.93	24	11	<3
6380	1590	18.26	24	5	<3
6381	966	5.20	345	10	<3
6382	717	9.51	16	<2	<3
6383	209	5.80	29	<2	<3
6384	566	2.91	31	<2	<3
6385	238	3.62	6430	<2	<3
6386	524	4.87	410	<2	<3
6387	446	3.76	42	<2	<3
6388	587	3.13	22	<2	6
6389	659	10.62	45	<2	<3
6390	506	3.49	30	5	4
6391	887	15.30	24	<2	<3
6392	886	8.08	43	5	<3
6393	601	3.68	66	3	<3
6394	475	7.22	44	2	<3
6395	466	3.97	35	2	<3
6396	715	7.62	117	7	<3
6397	785	7.53	56	2	<3
6398	1010	7.76	29	9	<3
6399	655	8.20	47	6	<3
6400	490	5.94	158	<2	<3
6401	357	4.96	178	<2	<3
6402	270	4.16	765	2	<3

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Attn: Mr. Lou Chastko
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Job: 921024R
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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6403	910	5.72	266	11	<3
6404	621	6.14	16	15	<3
6405	350	2.75	27	6	5
6406	266	17.87	3	6	<3
6407	243	18.09	6	12	<3
6408	218	19.64	23	8	<3
6409	287	13.46	1150	5	<3
6410	356	10.63	304	3	<3
6411	354	7.80	734	5	<3
6412	310	8.51	365	3	<3
6413	414	9.40	192	<2	<3
6414	421	9.24	142	<2	<3
6415	722	6.01	86	3	<3
6416	744	7.16	91	<2	<3
6417	315	6.72	46	<2	<3
6418	665	9.22	81	<2	<3
6419	240	6.82	13	<2	<3
6420	318	5.92	36	<2	<3
6421	187	5.05	35	2	<3
6422	184	5.43	217	<2	<3
6423	246	4.87	81	<2	<3
6424	405	12.60	10	3	<3

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Signed:
.....
Jeffrey Davis, B.Sc.,Chem.
Manager, Thunder Bay Division

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Attn: Mr. Lou Chastko
Project:

Received: 26-Mar-92 13:27
PO #:

Job: 924062T

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6425	1	89	11	104	<0.1	30	14
6426	1	76	1	105	<0.1	27	12
6427	2	126	9	161	<0.1	54	22
6428	1	31	3	15	0.2	13	3
6429	1	58	9	27	<0.1	18	9
6430	2	388	9	88	<0.1	62	40
6431	4	84	<5	59	<0.1	38	21
6432	<1	55	1	34	<0.1	24	14
6433	2	148	<2	39	0.3	62	42
6434	2	33	4	64	<0.1	20	9
6435	2	165	15	30	0.6	49	33
6436	<1	143	8	71	1.0	47	28
6437	3	327	13	79	0.6	116	62
6438	2	147	<2	73	0.6	71	41
6439	3	170	11	643	0.1	114	50
6440	2	329	5	180	1.2	174	104
6441	1	143	9	27	0.2	48	29
6442	<1	90	4	42	0.5	54	23
6443	<1	172	<5	193	0.2	72	41
6444	2	130	<1	275	0.6	90	51
6445	2	50	7	34	0.2	64	23
6446	5	316	11	248	0.5	128	70
6447	3	426	19	210	0.7	170	90
6448	6	545	17	661	0.6	154	80
6449	1	140	9	82	0.3	102	34
6450	4	65	12	52	0.4	82	37
6451	2	185	10	596	0.9	88	43
6452	5	533	14	175	0.4	169	91

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Attn: Mr. Lou Chastko
Received: 26-Mar-92 13:27
Project:
PO #:

Job: 924062T
Status: Final

Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6425	258	13.39	7	4	<3
6426	285	11.55	2	<2	<3
6427	304	10.17	20	<2	<3
6428	531	5.08	21	5	<3
6429	637	6.68	5	<2	<3
6430	358	15.62	<2	<2	<3
6431	437	8.00	34	2	<3
6432	787	8.23	3	<2	<3
6433	659	13.73	14	<2	<3
6434	277	4.74	13	<2	<3
6435	607	7.70	33	2	19
6436	1348	19.18	9	<2	7
6437	536	9.18	79	<2	13
6438	359	6.35	9	<2	<3
6439	516	9.82	14	4	<3
6440	1244	19.14	<2	<2	23
6441	266	2.39	4	4	5
6442	675	2.84	143	<2	<3
6443	1704	11.45	69	<2	<3
6444	1150	8.46	132	<2	5
6445	260	2.90	56	12	<3
6446	707	16.94	8	11	<3
6447	877	22.78	<2	<2	<3
6448	1347	20.43	9	<2	<3
6449	432	4.62	129	2	<3
6450	1248	3.94	123	<2	<3
6451	797	9.13	111	3	<3
6452	965	26.27	<2	<2	<3

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6453	7	569	33	179	1.3	238	161
6454	6	674	33	353	1.5	209	244
6455	4	724	18	353	1.2	184	122
6456	2	255	4	576	0.9	106	58
6457	<1	212	6	59	1.0	68	20
6458	1	182	7	40	0.9	96	28
6459	<1	62	0	26	0.6	32	12
6460	<1	386	0	33	0.7	54	22
6461	2	139	2	28	0.9	76	27
6462	1	82	5	37	0.7	46	32
6463	2	46	1	35	0.7	99	38
6464	1	62	15	30	0.6	65	23
6465	5	181	29	75	1.0	143	88
6466	2	118	19	68	0.5	113	59
6467	2	57	7	32	0.5	58	22
6468	2	77	9	59	0.2	81	37
6469	3	29	12	34	<0.1	40	17
6470	1	46	17	52	0.5	48	28
6471	2	65	19	48	0.5	58	34
6472	2	48	22	57	0.7	51	32
6473	2	31	13	57	0.6	35	28
6474	1	47	7	47	<0.1	44	23
6475	5	38	11	58	0.3	67	24
6476	6	130	19	141	0.8	127	69
6477	4	126	14	120	0.7	125	67
6478	5	160	14	76	0.6	142	75
6479	6	147	12	76	0.6	135	79
6480	6	126	18	73	0.6	131	80

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6453	351	36.77	4	<2	6
6454	1491	33.08	65	<2	6
6455	876	30.09	24	<2	6
6456	854	13.32	21	4	<3
6457	208	3.33	14	2	<3
6458	219	2.38	53	8	<3
6459	264	1.67	14	9	<3
6460	210	1.62	35	9	<3
6461	235	1.65	37	9	<3
6462	679	4.50	137	9	<3
6463	1354	8.92	113	9	<3
6464	1478	10.35	57	9	<3
6465	1218	32.36	449	<2	18
6466	1433	26.35	44	<2	9
6467	2396	11.74	34	<2	<3
6468	1526	19.24	192	3	<3
6469	1504	11.84	21	4	<3
6470	1961	19.33	137	2	<3
6471	2493	20.63	108	<2	<3
6472	1897	22.21	191	5	<3
6473	2253	22.44	191	<2	<3
6474	2567	17.50	229	<2	<3
6475	1712	11.07	428	14	<3
6476	1378	31.82	20	6	11
6477	1492	30.69	100	<2	7
6478	1031	32.45	12	<2	14
6479	744	29.12	1800	6	<3
6480	898	26.67	2797	<2	<3

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6481	6	195	26	78	0.7	157	82
6482	8	56	2	34	0.2	80	32
6483	5	60	9	34	<0.1	72	27
6484	7	21	2	11	0.4	42	26
6485	3	23	<1	16	<0.1	42	22
6486	7	41	0	21	0.2	53	23
6487	4	30	3	50	<0.1	39	17
6488	5	107	5	142	<0.1	99	41
6489	<1	114	3	106	0.3	134	43
6490	2	77	<9	59	0.2	114	36
6491	2	291	<2	89	0.2	177	81
6492	3	130	5	80	0.3	127	45
6493	<1	59	<13	84	<0.1	53	42
6494	3	223	5	49	0.2	76	47
6495	2	86	8	201	0.5	64	88
6496	2	72	4	159	0.5	78	37
6497	4	276	12	448	0.8	124	131
6498	2	37	8	38	0.2	75	30
6499	2	90	8	103	0.4	73	32
6500	2	49	1	56	0.5	91	33
6501	5	430	19	236	1.0	151	114
6502	2	81	0	32	0.3	80	32
6503	2	61	13	34	0.2	93	36
6504	1	75	9	50	<0.1	97	34
6505	<1	129	16	86	<0.1	75	31
6506	5	411	25	194	0.4	159	115
6507	7	430	45	137	0.7	173	133
6508	5	512	23	153	0.3	137	98

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6481	488	33.54	233	<2	7
6482	625	11.91	150	6	<3
6483	971	12.64	54	3	<3
6484	346	3.88	576	10	<3
6485	418	4.70	678	9	<3
6486	428	6.19	120	6	<3
6487	588	6.28	118	9	<3
6488	920	17.12	24	3	<3
6489	373	6.66	84	5	<3
6490	490	8.52	128	8	<3
6491	826	23.74	73	<2	4
6492	387	8.81	67	6	<3
6493	1394	7.90	2511	15	<3
6494	860	7.57	873	2	<3
6495	2455	8.70	141	<2	<3
6496	1712	6.59	45	<2	<3
6497	1699	23.05	14	<2	6
6498	328	3.69	45	<2	<3
6499	677	7.90	12	6	<3
6500	984	5.61	23	<2	17
6501	1980	30.73	18	<2	11
6502	255	3.53	25	<2	5
6503	350	4.07	63	<2	<3
6504	305	6.27	12	<2	<3
6505	769	7.99	16	<2	<3
6506	2425	33.32	<2	<2	5
6507	542	36.62	3	<2	<3
6508	918	30.61	14	<2	<3

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6509	5	392	38	549	0.5	151	105
6511	2	76	16	46	<0.1	100	39
6512	1	49	5	38	0.1	78	31
6513	1	43	9	30	0.2	74	32
6514	<1	39	12	65	0.5	51	26
6515	3	94	26	120	0.3	84	65
6516	3	65	26	144	0.2	82	52
6517	3	80	24	102	0.4	77	37
6518	1	174	12	101	0.4	153	57
6519	2	225	17	64	0.6	126	80
6520	2	130	11	72	0.6	124	49
6521	<1	178	12	64	0.6	141	55
6522	1	140	20	58	0.2	52	29
6523	1	259	10	65	0.1	62	37
6524	1	133	<1	28	<0.1	71	23
6525	1	119	10	17	0.3	61	21
6526	<1	207	13	36	0.4	115	39
6527	1	63	11	39	0.1	77	25
6528	1	91	<1	33	0.2	94	34
6529	<1	39	3	24	0.4	83	23
6530	2	73	2	34	0.1	89	31
6531	1	66	1	44	<0.1	92	22
6532	2	141	<1	75	0.2	139	62
6533	2	17	12	55	<0.1	19	7
6534	2	29	8	87	<0.1	34	14
6535	3	469	15	151	0.2	135	56

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6509	694	31.16	4	<2	<3
6511	438	6.15	286	<2	<3
6512	257	3.93	36	<2	<3
6513	251	2.69	93	5	9
6514	1676	5.74	97	4	<3
6515	2278	15.79	56	<2	8
6516	2402	13.35	57	2	<3
6517	2524	11.42	114	<2	13
6518	365	5.45	49	10	<3
6519	723	26.11	24	<2	17
6520	474	4.87	64	4	<3
6521	246	3.83	45	10	4
6522	1802	8.68	24	<2	3
6523	2632	16.09	112	<2	<3
6524	1194	4.50	43	9	<3
6525	787	2.00	45	<2	<3
6526	1200	5.69	159	4	<3
6527	1176	5.98	58	<2	<3
6528	1328	8.35	14	<2	<3
6529	946	4.23	4	3	<3
6530	1194	8.77	7	<2	<3
6531	1288	6.73	10	<2	<3
6532	1339	20.27	478	<2	<3
6533	1884	16.91	26	<2	13
6534	3296	14.77	54	2	<3
6535	2418	15.92	101	3	<3

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Signed:
.....
Jeffrey Davis, B.Sc.,C.Chem.
Manager, Thunder Bay Division

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
8000	4	48	13	85	0.1	22	8
8001	1	288	9	248	0.9	75	10
8002	1	190	5	1596	0.9	66	13
8003	3	51	18	106	0.4	25	9
8004	4	62	21	79	0.5	27	9
8005	1	42	8	75	0.2	18	6
8006	2	62	9	93	0.1	24	8
8007	<1	108	5	69	0.4	99	30
8008	6	321	6	2004	0.7	122	86
8009	5	256	7	3953	0.7	125	100
8010	8	521	11	3149	1.1	125	101
8011	5	364	39	1586	0.6	49	32
8012	5	352	4	2264	0.1	100	77
8013	3	242	2	245	<0.1	83	47
8014	3	304	<2	131	<0.1	110	61
8015	4	396	<2	196	<0.1	96	59
8016	3	390	2	178	0.4	81	40
8017	3	138	6	123	0.2	28	14
8018	8	621	9	1945	1.2	157	125
8019	7	519	4	3655	0.7	134	107
8020	6	229	8	2796	0.5	64	42
8021	9	606	9	3706	2.0	181	151
8022	9	1102	14	3333	2.1	190	160
8023	10	896	8	2798	1.3	213	181
8024	9	725	6	3330	1.5	187	158
8025	9	1295	15	2988	2.7	179	152
8026	8	827	9	2419	1.6	139	114
8027	3	264	<2	110	1.2	93	35

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
8000	685	3.95	179	<2	<3
8001	530	10.30	30	<2	<3
8002	620	7.01	27	<2	<3
8003	511	4.00	12	<2	<3
8004	522	3.85	7	4	<3
8005	513	3.35	6	<2	<3
8006	563	3.54	10	<2	<3
8007	588	5.70	58	<2	<3
8008	490	19.53	27	<2	<3
8009	357	19.16	46	<2	<3
8010	426	19.72	36	3	5
8011	328	7.07	16	6	4
8012	441	16.30	19	5	4
8013	444	11.94	103	2	<3
8014	469	15.03	114	<2	4
8015	447	13.21	21	<2	3
8016	480	5.44	73	<2	<3
8017	588	4.53	18	3	<3
8018	363	24.73	37	6	7
8019	341	21.57	38	2	6
8020	711	10.44	23	<2	<3
8021	335	27.86	63	14	9
8022	319	28.53	69	9	6
8023	264	31.65	49	12	6
8024	262	28.31	59	7	9
8025	296	27.29	79	13	9
8026	747	21.25	113	<2	<3
8027	690	8.05	154	<2	<3

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Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
8028	3	382	4	101	2.4	145	58
8029	2	114	<2	86	0.5	146	40
8030	1	241	<2	117	0.3	143	41
8031	3	83	15	101	1.5	128	38
8032	3	262	16	210	1.6	122	40
8033	2	126	10	85	1.5	114	27
8034	6	230	14	136	1.2	123	55
8035	6	298	11	118	1.0	116	66
8036	5	197	5	67	0.4	99	53
8037	7	340	14	188	0.5	115	66
8038	7	162	43	232	0.6	66	28
8039	6	85	14	122	0.5	49	18
8040	7	114	14	120	0.3	55	19
8041	5	63	<2	80	0.2	38	14
8042	2	35	<2	28	<0.1	24	8
8043	3	25	14	47	0.1	27	10
8044	3	107	<2	55	0.2	52	20
8045	2	49	<2	38	<0.1	29	13
8046	4	30	16	58	0.1	26	8
8047	2	57	<2	128	<0.1	32	11
8048	2	63	<2	53	<0.1	46	12
8049	<1	64	<2	62	<0.1	31	15
8050	1	54	<2	54	<0.1	27	15
8051	1	45	<2	54	<0.1	23	10
8052	2	106	<2	53	<0.1	77	84
8053	2	81	<2	63	0.3	56	40
8054	3	75	9	85	0.6	41	13
8055	3	34	<2	47	0.4	33	13

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
8028	751	14.21	1673	<2	<3
8029	717	9.39	556	<2	<3
8030	1014	13.45	529	<2	<3
8031	370	6.78	468	<2	5
8032	785	10.08	586	3	<3
8033	736	15.51	359	<2	<3
8034	834	27.70	58	10	15
8035	751	29.53	98	6	21
8036	401	25.02	334	4	4
8037	273	28.96	41	12	5
8038	1245	15.39	78	9	3
8039	631	10.70	48	4	<3
8040	591	11.80	287	9	<3
8041	663	7.94	219	4	<3
8042	610	10.42	43	3	<3
8043	980	6.68	30	7	<3
8044	1102	15.33	129	2	<3
8045	1183	13.06	53	<2	<3
8046	837	9.13	39	2	4
8047	1213	15.75	109	4	<3
8048	559	16.04	106	4	<3
8049	506	17.48	1109	<2	<3
8050	695	17.51	1389	2	<3
8051	1138	16.50	2001	<2	<3
8052	1054	17.63	20350	11	<3
8053	1845	17.53	7552	<2	<3
8054	958	9.94	701	7	<3
8055	484	5.47	101	2	<3

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R3K 1Z9

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Attn: Mr. Lou Chastko
Project:

PO #:

Received: 26-Mar-92 14:28

Job: 924063T

Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
8056	3	29	10	57	0.7	37	16
8057	2	23	8	66	0.5	35	17
8058	3	103	3	416	0.7	54	25
8059	4	174	11	208	0.4	69	47
8060	3	62	2	111	0.2	70	35
8061	2	61	<2	105	0.6	80	47
8062	3	77	5	131	0.6	95	55
8063	4	81	<2	127	0.1	107	55
8064	3	87	4	115	0.4	67	31
8065	5	156	9	385	0.5	134	64
8066	6	213	6	500	0.2	154	86
8067	4	86	11	177	0.7	63	29
8068	4	50	9	455	0.2	31	15
8069	3	60	10	241	<0.1	34	16
8070	5	29	11	154	0.2	40	13
8071	3	30	20	114	0.2	28	13
8072	<1	<1	<2	1	<0.1	<1	<1
8073	5	45	4	212	<0.1	70	18
8074	3	89	<2	307	<0.1	77	30
8075	4	118	<2	232	<0.1	98	36
8076	5	59	11	295	<0.1	41	20
8077	7	73	3	145	0.3	54	24
8078	4	55	3	151	<0.1	29	11
8079	3	84	9	34	0.6	118	50
5037	4	31	5	167	0.5	24	13

BARRINGER LABORATORIES

BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

5735 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
PHONE: (416) 890-8566
FAX: (416) 890-8575

13-Apr-92

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Core Samples

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
8056	550	4.37	277	8	<3
8057	942	4.30	579	4	<3
8058	1062	12.12	317	<2	<3
8059	558	16.16	1864	7	4
8060	823	8.83	321	6	<3
8061	738	7.44	423	6	5
8062	571	7.62	454	5	5
8063	611	8.15	163	6	4
8064	773	7.53	56	3	4
8065	985	18.63	85	3	5
8066	749	21.68	785	<2	3
8067	955	8.27	24	<2	<3
8068	663	4.21	43	<2	7
8069	550	4.64	50	5	<3
8070	371	2.29	55	8	4
8071	235	2.23	76	8	<3
8072	4	0.04	<2	<2	<3
8073	654	3.75	883	9	<3
8074	776	10.14	412	2	<3
8075	593	10.47	307	<2	<3
8076	332	4.05	104	9	<3
8077	452	5.27	97	7	<3
8078	512	2.79	93	4	<3
8079	274	1.82	447	2	<3
5037	365	2.83	19	3	<3

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Signed:
.....
Jeffrey Davis, B.Sc.,C.Chem.
Manager, Thunder Bay Division

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Project:
PO #:

Job: 924099T
Status: Final

Core Samples

Sample	Mo ICAP ppm	Cu ICAP ppm	Pb ICAP ppm	Zn ICAP ppm	Ag ICAP ppm	Ni ICAP ppm	Co ICAP ppm
6510	17	182	87	111	0.4	50	11

Sample	Mn ICAP ppm	Fe ICAP %	As ICAP ppm	Sb ICAP ppm	Bi ICAP ppm
6510	202	1.15	20	6	10

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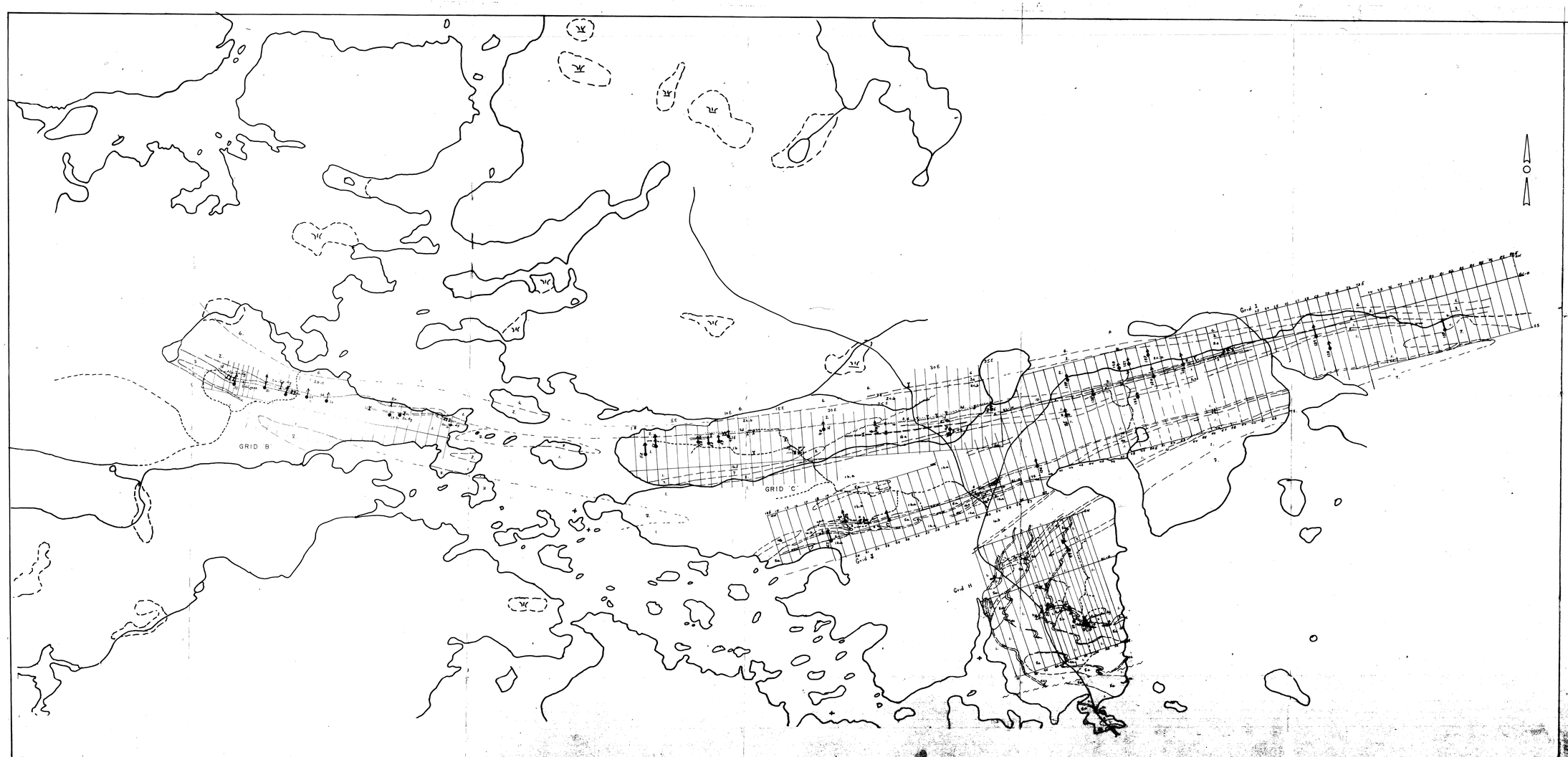
.....
Jeffrey Davis, B.Sc.,C.Chem.
Manager, Thunder Bay Division



LITHOLOGIC LEGEND

FELSIC TO INTERMEDIATE INTRUSIVE

- 7 Undubdivided
- 7g Foliated to massive trondhjemite
- 7h Foliated to massive granodiorite (porphyritic)
- 7a fine to med. grn. biotite-garnet trondhjemite-granodiorite (possibly related to unit 8f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC

- 6 Undubdivided
- 6a Amphibole gneiss
- 6b Chlorite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES

- 5 Undubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS

- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS

- 3 Undubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS

- 2 Undubdivided
- 2a Dacite to rhyolite - foliated
- 2b Lapilli tuff-breccia
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric tuffs
- 2f Flattened (thin - grey ash) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS

- 1 Undubdivided
- 1a Pillowed to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND

- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- possessed outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	sd	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

SCALE METERS

0 100 200 300 400 500 600

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROPERTY

GEOLOGY DRILL HOLE LOCATION MAP

GRID AREA:

RECORD NO.: DATE:

DRAWN BY: SCALE:

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