

63.3646

KL-128

COMINCO LTD

GIB PROPERTY

ANALYTICAL PROCEDURES



42A09SE0250 63.3646 GUIBORD

010

1978 Drilling

Cu and Zn : analyses done using standard A.A. procedures with a detection limit of 1 ppm. by Cominco Ltd., Toronto.

Sn and W : analyses done by using emission spectrograph, with detection limits of 2 ppm. and 40 ppm. respectively by Cominco Ltd., Toronto.

U : analyses using standard fluorometric techniques (HNO₃ soluble material) by Cominco., Toronto.

1979 Drilling

Au : analyses by combined fire assay/neutron activation method by X-Ray Assay Labs, Toronto.

LRB/ijt



ANALYTICAL SAMPLE SHEET

SHEET # 1

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (M)	Determinations Required:						HOLE #
		SAMPLE #	Cu (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
38.1 - 39.9	1.8	30157	302	210	2	<40	1.50	78-1
39.9 - 42.9	3.0	30158	85	70	3	<40	1.30	"
42.9 - 44.4	1.5	30159	171	140	3	<40	1.10	"
44.4 - 46.6	2.2	30160	111	120	3	<40	0.90	"
46.6 - 48.7	2.1	30161	85	65	5	<40	1.30	"
48.7 - 50.3	1.6	30162	148	140	2	<40	1.50	"
50.3 - 53.3	3.0	30163	142	130	7	<40	1.20	"
53.3 - 56.4	3.1	30164	158	120	5	<40	0.80	"
56.4 - 58.5	2.1	30165	170	300	2	<40	0.75	"
58.5 - 59.4	.9	30166	81	400	2	<40	1.30	"
59.4 - 61.1	1.7	30167	257	110	3	<40	0.80	"
61.1 - 64.0	2.9	30168	98	170	2	<40	0.10	"
64.0 - 67.1	3.1	30169	70	100	3	<40	0.10	"
67.1 - 69.5	2.4	30170	370	85	3	<40	0.40	"
69.5 - 71.2	1.7	30171	141	90	3	<40	2.60	"
71.2 - 73.0	1.8	01-233	60	120	3	<40	4.40	"
73.0 - 74.9	1.9	30172	89	90	3	<40	1.10	"
74.9 - 77.3	2.4	30173	102	70	2	<40	0.86	"
77.3 - 79.0	1.7	30174	79	65	2	<40	1.40	"
79.0 - 80.2	1.2	30175	32	40	2	<40	1.20	"
80.2 - 83.1	2.9	30176	63	70	2	<40	0.80	"
83.1 - 84.6	1.5	01-272	60	75	2	<40	0.50	"
84.6 - 86.1	1.5	30177	100	65	3	<40	0.60	"
86.1 - 88.4	2.3	30178	92	100	<2	<40	0.40	"
88.4 - 89.2	.8	30179	29	20	3	<40	1.10	"
89.2 - 91.6	2.4	30180	89	80	3	<40	0.90	"
91.6 - 93.5	1.9	30181	150	80	3	<40	0.50	"
93.5 - 95.6	2.1	30182	145	65	3	<40	0.30	"

Additional instructions:

N.S. = No Sample



ANALYTICAL SAMPLE SHEET

SHEET # 2

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (M)	Determinations Required:						HOLE #
		SAMPLE #	Cu (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
95.6 - 96.6	1.0	30183	78	70	3	<40	0.10	78-1
96.6 - 99.1	2.5	30184	21	15	3	<40	0.60	"
99.1 - 101.5	2.4	30185	30	20	3	<40	0.60	"
101.5 - 103.2	1.7	30186	53	20	3	<40	0.80	"
103.2 - 104.2	1.0	D1-338	20	40	2	<40	0.30	"
104.2 - 105.8	1.6	D1-342	20	35	<2	<40	0.10	"
105.8 - 107.3	1.5	D1-347	50	60	<2	<40	<0.10	"
107.3 - 109.4	2.1	30187	40	80	2	<40	<0.10	"
109.4 - 111.9	2.5	30188	39	65	3	<40	<0.10	"
111.9 - 114.3	2.4	30189	25	65	3	<40	<0.10	"
114.3 - 115.4	1.1	30190	49	70	3	<40	<0.10	"
115.4 - 117.3	1.9	30191	150	100	4	<40	0.20	"
117.3 - 119.8	2.5	30192	178	120	4	<40	1.00	"
119.8 - 122.2	2.4	30193	220	118	4	<40	0.70	"
122.2 - 124.7	2.5	30194	105	38	4	<40	<0.10	"
124.7 - 127.1	2.4	30195	110	40	2	<40	<0.10	"
127.1 - 129.5	2.4	30196	58	38	2	<40	<0.10	"
129.5 - 132.0	2.5	30197	60	20	3	<40	<0.10	"
132.0 - 134.4	2.4	30198	69	35	3	<40	<0.10	"
134.4 - 136.9	2.5	30199	140	50	3	<40	<0.10	"
136.9 - 139.3	2.4	30200	90	35	2	<40	<0.10	"
139.3 - 141.7	2.4	32702	110	35	2	<40	<0.10	"
141.7 - 143.6	1.9	32703	90	60	5	<40	1.90	"
143.6 - 146.0	2.4	32704	182	37	3	<40	<0.10	"
146.0 - 148.4	2.4	32705	190	35	3	<40	0.60	"
148.4 - 150.9	2.5	32706	226	36	7	<40	<0.10	"
150.9 - 153.3	2.4	32707	260	20	3	<40	<0.10	"
153.3 - 155.8	2.5	32708	185	40	5	<40	0.60	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 3

To: _____ Address: _____
From: _____ Project: _____
Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (m)	Determinations Required:						HOLE#
		SAMPLE #	Cu (ppm)	Zn (ppm)	Sn (ppm)	W (ppm)	V (ppm)	
155.8 - 157.6	1.8	32709	157	35	5	<40	1.60	78-1
157.6 - 160.0	2.4	32710	240	35	5	<40	0.20	"
160.0 - 162.5	2.5	32711	227	45	3	<40	<0.10	"
162.5 - 164.9	2.4	32712	119	20	2	<40	<0.10	"
164.9 - 167.3	2.4	32713	58	35	3	<40	0.90	"
167.3 - 169.8	2.5	32714	68	35	3	<40	0.30	"
169.8 - 172.2	2.4	32715	230	80	5	<40	1.80	"
172.2 - 174.7	2.4	32716	101	95	3	<40	1.20	"
174.7 - 177.1	2.4	32717	115	65	5	<40	1.20	"
177.1 - 179.3	2.2	32718	138	60	5	<40	1.50	"
179.3 - 180.2	.9	32719	57	85	3	<40	0.10	"
180.2 - 182.9	2.7	32720	78	100	3	<40	2.10	"
182.9 - 185.9	3.0	32721	119	105	4	<40	1.90	"
185.9 - 188.7	2.8	32722	202	60	4	<40	0.30	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 4

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (CM)	Determinations Required:						HOLE #
		SAMPLE #	Cu (ppm)	Zn (ppm)	Sn (ppm)	W (ppm)	U (ppm)	
51.8 - 54.9	3.1	851	38	138	2	< 40	0.10	78-2
54.9 - 57.9	3.0	852	35	195	2	< 40	0.30	"
57.9 - 61.0	3.1	853	22	103	2	< 40	0.20	"
61.0 - 64.0	3.0	854	20	38	2	< 40	0.30	"
64.0 - 66.1	3.1	855	46	42	2	< 40	0.30	"
66.1 - 67.3	1.2	32723	73	58	2	< 40	0.70	"
67.3 - 69.0	1.7	32724	81	160	< 2	< 40	< 0.10	"
69.0 - 70.1	1.1	857	33	73	2	< 40	0.10	"
70.1 - 73.2	3.1	858	34	56	2	< 40	0.10	"
73.2 - 76.2	3.0	859	49	760	2	< 40	0.20	"
76.2 - 77.7	1.5	32725	72	270	10	< 40	0.30	"
77.7 - 79.2	1.5	32726	57	2000	2	< 40	0.20	"
79.2 - 80.8	1.6	32727	57	1900	2	< 40	0.10	"
80.8 - 82.3	1.5	32728	75	1900	2	< 40	0.10	"
82.3 - 83.8	1.5	32729	60	900	2	< 40	0.20	"
83.8 - 85.3	1.5	32730	44	155	2	< 40	0.20	"
85.3 - 86.9	1.6	32731	55	200	2	< 40	0.20	"
86.9 - 88.4	1.5	32732	52	60	2	< 40	0.20	"
88.4 - 89.9	1.5	860	50	180	2	< 40	0.30	"
89.9 - 93.0	3.1	861	40	67	2	< 40	0.20	"
93.0 - 95.6	2.6	862	42	51	2	< 40	0.10	"
95.6 - 99.1	3.5	863	25	158	2	< 40	0.30	"
99.1 - 102.1	3.0	864	31	87	2	< 40	0.10	"
102.1 - 105.2	3.1	865	42	60	2	< 40	0.40	"
105.2 - 108.2	3.0	866	36	195	2	< 40	0.20	"
108.2 - 111.3	3.1	867	30	460	2	< 40	0.10	"
111.3 - 114.5	3.2	868	30	183	2	< 40	0.60	"
114.5 - 115.8	1.3	869	44	141	2	< 40	0.20	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 5

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (M)	Determinations Required:						HOLE #
		SAMPLE #	Cu (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	V (PPM)	
115.8 - 117.3	1.5	32733	53	200	2	< 40	0.10	78-2
117.3 - 118.9	1.6	32734	36	60	2	< 40	0.10	"
118.9 - 120.4	1.5	32735	38	58	< 2	< 40	< 0.10	"
120.4 - 123.4	3.0	870	60	45	< 2	< 40	< 0.10	"
123.4 - 126.5	3.1	871	50	46	2	< 40	0.10	"
126.5 - 127.7	1.2	872	45	46	2	< 40	< 0.10	"
127.7 - 129.5	1.8	32736	21	170	< 2	< 40	< 0.10	"
129.5 - 131.1	1.6	873	39	97	2	< 40	0.30	"
131.1 - 134.1	3.0	874	44	110	2	< 40	< 0.10	"
134.1 - 137.2	3.1	875	49	57	2	< 40	0.10	"
137.2 - 140.2	3.0	876	50	45	2	< 40	< 0.10	"
140.2 - 143.3	3.1	877	28	61	2	< 40	0.20	"
143.3 - 146.3	3.0	878	22	44	2	< 40	0.10	"
146.3 - 149.4	3.1	879	27	62	2	< 40	< 0.10	"
149.4 - 151.5	2.1	880	22	60	2	< 40	< 0.10	"
151.5 - 153.0	1.5	881	20	890	2	< 40	0.10	"
153.0 - 154.5	1.5	32737	17	310	< 2	< 40	0.10	"
154.5 - 156.1	1.6	32738	123	700	2	< 40	< 0.10	"
156.1 - 157.6	1.5	32739	38	3500	2	< 40	< 0.10	"
157.6 - 159.1	1.5	32740	44	3000	2	< 40	< 0.10	"
159.1 - 160.6	1.5	882	40	60	2	< 40	< 0.10	"
160.6 - 162.2	1.6	883	40	380	2	< 40	< 0.10	"
162.2 - 164.3	2.1	884	45	230	2	< 40	< 0.10	"
164.3 - 165.8	1.5	885	38	60	4	< 40	< 0.10	"
165.8 - 167.0	1.2	32741	53	320	< 2	< 40	< 0.10	"
167.0 - 168.2	1.2	886	49	83	2	< 40	< 0.10	"
168.2 - 169.8	1.6	887	40	70	4	< 40	< 0.10	"
169.8 - 172.6	2.8	888	49	94	4	< 40	0.20	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 6

To: Address:

From: Project:

Shipped Via: Date: Waybill No:

INTERVAL	LENGTH (m)	Determinations Required:						HOLE #
		SAMPLE #	Cu (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
172.6 - 175.7	3.1	889	40	135	4	< 40	< 0.10	78-2
175.7 - 179.6	3.9	890	45	90	4	< 40	0.20	"
179.6 - 180.3	.7	891	71	47	2	< 40	0.60	"
180.3 - 182.9	2.6	892	29	160	4	< 40	0.30	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 7

To:

Address:

From:

Project:

Shipped Via:

Date:

Waybill No:

INTERVAL	LENGTH (m)	Determinations Required:						HOLE #
		SAMPLE #	Cu (ppm)	Zn (ppm)	Sn (ppm)	W (ppm)	U (ppm)	
46.3 - 46.9	.6	893	40	52	4	<40	0.30	78-3
46.9 - 49.8	2.9	894	44	36	4	<40	0.30	"
49.8 - 50.6	.8	895	47	36	2	<40	<0.10	"
50.6 - 54.3	3.7	896	36	32	5	<40	0.40	"
54.3 - 55.2	.9	897	11	41	N.S.	N.S.	N.S.	"
55.2 - 57.7	2.5	898	50	43	3	<40	0.60	"
57.7 - 59.1	1.4	899	24	29	2	<40	0.10	"
59.1 - 60.4	1.3	900	50	41	4	<40	0.20	"
60.4 - 61.6	1.2	32742	15	39	4	<40	1.10	"
61.6 - 63.1	1.5	32743	9	22	4	<40	0.80	"
63.1 - 64.6	1.5	32744	8	24	4	<40	1.10	"
64.6 - 66.1	1.5	32745	33	32	4	<40	1.10	"
66.1 - 67.7	1.6	32746	10	19	4	<40	0.80	"
67.7 - 70.1	2.4	32747	11	35	4	<40	0.80	"
70.1 - 71.6	1.5	32751	31	42	2	<40	<0.10	"
71.6 - 74.7	3.1	32752	30	45	3	<40	0.10	"
74.7 - 77.7	3.0	32753	39	83	4	<40	0.10	"
77.7 - 80.8	3.1	32754	30	560	4	<40	0.40	"
80.8 - 83.8	3.0	32755	31	71	5	<40	0.10	"
83.8 - 87.9	4.1	32756	36	59	5	<40	0.50	"
87.9 - 91.4	3.5	32757	49	71	5	<40	0.20	"
91.4 - 94.5	3.1	32758	50	70	5	<40	0.50	"
94.5 - 97.5	3.0	32759	40	70	5	<40	1.00	"
97.5 - 100.6	3.1	32760	43	92	5	<40	0.50	"
100.6 - 103.6	3.0	32761	42	93	5	<40	0.20	"
103.6 - 106.7	3.1	32762	40	43	3	<40	0.20	"
106.7 - 110.6	3.9	32763	24	40	2	<40	0.40	"
110.6 - 111.4	.8	32764	73	48	3	<40	0.60	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 8

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (M)	Determinations Required:						HOLE #
		SAMPLE #	Cu (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
111.4 - 114.0	2.6	32765	12	48	2	< 40	0.40	78-3
114.0 - 115.5	1.5	32748	15	37	2	< 40	0.60	"
115.5 - 117.0	1.5	32749	16	40	4	< 40	0.20	"
117.0 - 118.6	1.6	32750	21	51	3	< 40	0.40	"
118.6 - 121.0	2.4	32766	27	53	4	< 40	0.40	"
121.0 - 123.4	2.4	32767	40	152	4	< 40	< 0.10	"
123.4 - 126.5	3.1	32768	31	61	4	< 40	< 0.10	"
126.5 - 129.5	3.0	32769	21	49	3	< 40	< 0.10	"
129.5 - 132.6	3.1	32770	29	270	4	< 40	< 0.10	"
132.6 - 135.6	3.0	32771	37	93	4	< 40	< 0.10	"
135.6 - 138.7	3.1	32772	35	61	4	< 40	< 0.10	"
138.7 - 140.2	1.5	32773	34	58	4	< 40	< 0.10	"
140.2 - 142.3	2.1	32774	30	52	4	< 40	< 0.10	"
142.3 - 146.6	4.3	32775	31	138	4	< 40	< 0.10	"
146.6 - 149.3	2.7	32776	22	47	3	< 40	< 0.10	"
149.3 - 152.4	3.1	32777	27	64	3	< 40	0.10	"
152.4 - 155.4	3.0	32778	25	42	3	< 40	< 0.10	"
155.4 - 157.0	1.6	32779	25	38	3	< 40	0.80	"
157.0 - 158.5	1.5	32780	38	43	3	< 40	0.90	"
158.5 - 160.0	1.5	601	13	69	3	< 40	0.10	"
160.0 - 161.5	1.5	602	27	63	3	< 40	0.20	"
161.5 - 163.1	1.6	603	28	90	3	< 40	0.20	"
163.1 - 164.6	1.5	604	14	550	3	< 40	0.20	"
164.6 - 167.6	3.0	32781	32	100	3	< 40	0.30	"
167.6 - 170.7	3.1	32782	34	40	3	< 40	0.50	"
170.7 - 173.7	3.0	32783	29	72	3	< 40	0.20	"
173.7 - 176.8	3.1	32784	34	60	3	< 40	0.20	"
176.8 - 179.8	3.0	32785	34	150	3	< 40	2.00	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 9

To:

Address:

From:

Project:

Shipped Via:

Date:

Waybill No:

INTERVAL	LENGTH (m)	Determinations Required:						
		SAMPLE#	Cu (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	HOLE#
179.8 - 182.9	3.1	32786	50	67	3	<40	1.00	78-3
182.9 - 185.9	3.0	32787	40	70	5	<40	0.20	"
185.9 - 187.8	1.9	32788	38	98	3	<40	0.30	"

Additional instructions:



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ANALYTICAL SAMPLE SHEET

SHEET # 10

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (m)	Determinations Required:						HOLE #
		SAMPLE#	CU (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
32.3 - 34.7	2.4	32789	96	84	4	<40	1.20	78-4
36.7 - 39.0	2.3	32790	137	118	3	<40	1.60	"
39.0 - 41.5	2.5	32791	103	83	5	<40	1.10	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 11

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (M)	Determinations Required:						HOLE #
		SAMPLE #	Cu (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
59.1 - 61.3	2.2	32792	57	46	30	< 40	0.50	78-5
61.3 - 64.6	3.3	32793	67	36	3	< 40	0.20	"
64.6 - 66.8	2.2	605	82	36	2	< 40	0.30	"
66.8 - 68.9	2.1	606	70	50	2	< 40	0.20	"
68.9 - 71.3	2.4	607	41	38	2	< 40	0.20	"
71.3 - 73.8	2.5	608	22	42	2	< 40	0.40	"
73.8 - 76.7	2.9	609	37	50	3	< 40	0.20	"
76.7 - 79.2	2.5	610	51	53	3	< 40	0.20	"
79.2 - 81.1	1.9	611	58	25	3	< 40	0.20	"
81.1 - 84.1	3.0	612	56	34	2	< 40	< 0.10	"
84.1 - 87.2	3.1	613	75	42	2	< 40	0.20	"
87.2 - 88.7	1.5	614	52	28	2	< 40	0.50	"
88.7 - 89.8	1.1	615	66	50	2	< 40	0.40	"
89.8 - 91.3	1.5	616	50	56	2	< 40	0.20	"
91.3 - 92.2	.9	617	57	65	2	< 40	1.00	"
92.2 - 94.8	2.6	618	35	48	2	< 40	0.40	"
94.8 - 97.8	3.0	619	33	47	2	< 40	0.30	"
97.8 - 100.9	3.1	620	37	45	2	< 40	0.20	"
100.9 - 103.9	3.0	621	97	52	2	< 40	0.60	"
103.9 - 107.0	3.1	622	60	50	2	< 40	0.40	"
107.0 - 110.0	3.0	623	45	64	2	< 40	2.30	"
110.0 - 113.1	3.1	624	63	49	2	< 40	1.40	"
113.1 - 116.1	3.0	625	52	50	2	< 40	0.70	"
116.1 - 119.2	3.1	626	50	148	2	< 40	2.20	"
119.2 - 122.2	3.0	627	82	68	2	< 40	0.70	"
122.2 - 123.7	1.5	628	70	55	20	< 40	1.40	"
123.7 - 125.3	1.6	629	83	60	5	< 40	1.20	"
125.3 - 126.8	1.5	630	172	75	3	< 40	1.40	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 12

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (m)	Determinations Required:						HOLE #
		SAMPLE #	Cu (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
126.8 - 129.8	3.0	631	83	54	2	<40	1.00	78-5
129.8 - 132.9	3.1	632	54	73	3	<40	0.60	"
132.9 - 134.9	2.0	633	95	78	3	<40	1.10	"
134.9 - 137.8	2.9	634	80	75	3	<40	1.10	"
137.8 - 140.2	2.5	635	80	108	3	<40	1.60	"
140.2 - 143.3	3.0	636	110	110	4	<40	1.50	"
143.3 - 146.3	3.0	637	47	105	3	<40	1.40	"
146.3 - 149.4	3.1	638	100	93	3	<40	1.00	"
149.4 - 152.4	3.0	639	40	37	4	<40	1.00	"
152.4 - 155.4	3.0	640	29	39	3	<40	0.60	"
155.4 - 158.4	3.1	641	40	33	3	<40	0.80	"
158.4 - 161.5	3.0	642	27	43	3	<40	0.40	"
161.5 - 164.6	3.1	643	32	50	3	<40	0.90	"
164.6 - 166.4	1.8	644	31	35	2	<40	0.30	"
166.4 - 168.4	2.0	645	27	47	2	<40	0.80	"
168.4 - 171.5	3.1	646	45	50	4	<40	1.00	"
171.5 - 174.5	3.0	647	52	68	4	<40	0.80	"
174.5 - 176.3	1.8	648	47	79	4	<40	1.10	"
176.3 - 179.5	3.2	649	30	128	3	<40	0.70	"
179.5 - 181.7	2.2	650	62	84	3	<40	1.00	"
181.7 - 182.9	1.2	651	95	112	2	<40	1.80	"
182.9 - 184.1	1.2	32794	66	107	3	<40	1.50	"
184.1 - 185.9	1.8	32795	83	56	3	<40	3.80	"
185.9 - 187.5	1.6	32796	92	117	3	<40	1.20	"
187.5 - 190.5	3.0	32797	163	118	3	<40	0.90	"
190.5 - 192.0	1.5	652	225	120	2	<40	1.10	"
192.0 - 195.1	3.1	653	170	104	2	<40	1.50	"
195.1 - 196.9	1.8	654	450	120	<2	<40	4.80	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 14

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (m)	Determinations Required:						HOLE #
		SAMPLE #	Cu (ppm)	Zn (ppm)	Sn (ppm)	W (ppm)	U (ppm)	
31.7 - 34.1	2.4	662	285	600	N.S.	N.S.	N.S.	78-6
34.1 - 36.6	2.5	663	260	350	5	< 40	1.70	"
36.6 - 39.0	2.4	664	110	240	4	< 40	2.10	"
39.0 - 42.1	3.1	665	101	125	2	< 40	1.20	"
42.1 - 44.5	2.4	666	N.S.	N.S.	N.S.	N.S.	N.S.	"
44.5 - 47.5	3.0	667	162	160	N.S.	N.S.	N.S.	"
47.5 - 49.4	1.9	668	286	80	< 2	< 40	1.10	"
49.4 - 52.4	3.0	669	143	83	< 2	< 40	1.00	"
52.4 - 55.4	3.0	670	100	82	3	< 40	1.60	"
55.4 - 58.5	3.1	671	95	85	3	< 40	1.20	"
58.5 - 61.6	3.1	672	120	70	2	< 40	2.10	"
61.6 - 64.6	3.0	673	126	95	3	< 40	2.10	"
64.6 - 67.7	3.1	674	107	103	2	< 40	2.10	"
67.7 - 70.7	3.0	675	100	90	2	< 40	1.30	"
70.7 - 73.8	3.1	676	98	90	2	< 40	2.30	"
73.8 - 76.8	3.0	677	135	69	2	< 40	1.00	"
76.8 - 79.7	3.1	678	130	120	N.S.	N.S.	N.S.	"
79.9 - 82.9	3.0	679	220	100	4	< 40	4.80	"
82.9 - 86.0	3.1	680	82	77	2	< 40	1.40	"
86.0 - 88.4	2.4	681	140	116	4	< 40	1.40	"
88.4 - 90.4	2.0	682	170	108	2	< 40	1.10	"
90.4 - 92.5	2.1	683	44	70	< 2	< 40	0.60	"
92.5 - 93.9	1.4	684	50	66	3	< 40	0.60	"
93.9 - 95.4	1.5	685	16	50	3	< 40	0.40	"
95.4 - 97.2	1.8	686	15	29	3	< 40	1.10	"
97.2 - 98.8	1.6	687	28	19	3	< 40	1.40	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 15

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (m)	Determinations Required:						HOLE #
		SAMPLE #	CU (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
62.2 - 65.5	3.3	32798	43	23	3	<40	0.20	78-7
65.5 - 68.6	3.1	32799	39	33	3	<40	0.30	"
68.6 - 71.6	3.0	32800	39	34	3	<40	0.30	"
71.6 - 74.7	3.1	32901	43	44	3	<40	0.30	"
74.7 - 78.0	3.3	32902	44	57	3	<40	0.30	"
78.0 - 81.1	3.1	688	40	47	3	<40	0.50	"
81.1 - 83.5	2.4	689	41	49	3	<40	<0.10	"
83.5 - 86.6	3.1	690	55	60	3	<40	0.10	"
86.6 - 89.9	3.3	32903	40	46	3	<40	0.10	"
89.9 - 93.0	3.1	32904	35	55	3	<40	<0.10	"
93.0 - 96.0	3.0	32905	33	68	3	<40	0.10	"
96.0 - 99.1	3.1	32906	43	69	3	<40	0.20	"
99.1 - 101.3	2.2	32907	38	50	3	<40	0.10	"
101.3 - 102.9	1.6	32908	32	57	3	<40	0.10	"
102.9 - 105.6	2.7	32909	11	57	10	<40	1.00	"
105.6 - 106.7	1.1	32910	35	56	2	<40	2.30	"
106.7 - 109.7	3.0	32911	32	53	2	<40	<0.10	"
109.7 - 112.8	3.1	32912	36	59	2	<40	0.10	"
112.8 - 115.8	3.0	32913	40	50	2	<40	1.30	"
115.8 - 118.9	3.1	691	49	100	2	<40	0.20	"
118.9 - 121.9	3.0	692	50	105	2	<40	0.40	"
121.9 - 125.0	3.1	693	55	98	2	<40	0.20	"
125.0 - 128.0	3.0	694	54	600	2	<40	<0.10	"
128.0 - 130.5	2.5	32914	42	130	2	<40	<0.10	"
130.5 - 132.3	1.8	32915	35	63	2	<40	0.90	"
132.3 - 135.3	3.0	695	49	73	2	<40	0.20	"
135.3 - 137.2	1.9	696	45	61	2	<40	0.20	"
137.2 - 139.9	2.7	698	40	62	N.S.	N.S.	N.S.	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 16

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (ft)	Determinations Required:						HOLE #
		SAMPLE #	Cu (ppm)	Zn (ppm)	Sn (ppm)	W (ppm)	U (ppm)	
139.9 - 141.4	1.5	699	45	82	N.S.	N.S.	N.S.	78-7
141.4 - 143.6	2.2	700	37	101	N.S.	N.S.	N.S.	.
143.6 - 146.3	2.7	32918	47	87	2	<40	0.90	"
146.3 - 149.4	3.1	32919	45	104	2	<40	<0.10	"
149.4 - 152.5	3.1	32920	33	73	<2	<40	0.10	"
152.5 - 155.4	2.9	32921	35	87	<2	<40	<0.10	"
155.4 - 157.9	2.5	32922	37	98	<2	<40	<0.10	"
157.9 - 161.2	3.3	32933	32	77	<2	<40	<0.10	"
161.2 - 164.3	3.1	32934	36	87	<2	<40	<0.10	"
164.3 - 166.1	1.8	32935	42	65	<2	<40	0.10	"
166.1 - 167.6	1.5	697	80	109	<2	<40	0.90	"
167.6 - 169.6	2.0	30053	80	137	<2	<40	<0.10	.
169.6 - 172.1	2.5	30054	58	44	<2	<40	0.50	"
172.1 - 174.0	1.9	30055	77	58	N.S.	N.S.	N.S.	"
174.0 - 176.5	2.5	32926	64	89	<2	<40	0.40	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 17

To: _____ Address: _____

From: _____ Project: _____

Shipped Via: _____ Date: _____ Waybill No: _____

INTERVAL	LENGTH (M)	Determinations Required:						HOLE #
		SAMPLE #	CU (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	I (PPM)	
42.1 - 45.1	3.0	701	160	102	< 2	< 40	0.10	78-8
45.1 - 47.5	2.4	702	125	177	< 2	< 40	1.00	"
47.5 - 50.0	2.5	703	27	63	< 2	< 40	0.50	"
50.0 - 53.3	3.3	32927	50	45	< 2	< 40	0.50	"
53.3 - 56.4	3.1	32928	42	47	< 2	< 40	0.50	"
56.4 - 59.4	3.0	32929	35	50	< 2	< 40	0.20	"
59.4 - 62.8	3.4	32930	40	52	< 2	< 40	0.20	"
62.8 - 64.9	2.1	704	35	95	< 2	< 40	0.40	"
64.9 - 66.3	1.4	705	60	134	< 2	< 40	0.60	"
66.3 - 67.8	1.5	706	110	89	< 2	< 40	0.30	"
67.8 - 70.1	2.3	707	70	62	< 2	< 40	0.50	"
70.1 - 73.2	3.1	32931	45	55	< 2	< 40	0.50	"
73.2 - 76.2	3.0	32932	37	49	< 2	< 40	0.60	"
76.2 - 79.2	3.0	32933	40	57	< 2	< 40	0.70	"
79.2 - 82.3	3.1	32934	18	46	< 2	< 40	0.80	"
82.3 - 85.3	3.0	32935	23	40	< 2	< 40	0.50	"
85.3 - 86.9	1.6	708	109	65	< 2	< 40	N.S.	"
86.9 - 88.4	1.5	709	61	61	< 2	< 40	0.80	"
88.4 - 91.4	3.0	710	5	33	< 2	< 40	0.40	"
91.4 - 93.0	1.6	711	2	36	< 2	< 40	0.50	"
93.0 - 94.5	1.5	712	5	69	< 2	< 40	0.30	"
94.5 - 97.5	3.0	713	55	55	< 2	< 40	0.40	"
97.5 - 100.6	3.1	714	56	70	< 2	< 40	0.60	"
100.6 - 103.6	3.0	715	378	73	< 2	< 40	0.60	"
103.6 - 106.7	3.1	32936	73	97	< 2	< 40	1.00	"
106.7 - 109.7	3.0	32937	20	64	< 2	< 40	0.40	"
109.7 - 112.8	3.1	32938	47	67	< 2	< 40	0.60	"
112.8 - 115.8	3.0	32939	43	60	< 2	< 40	0.20	"

Additional instructions:



ANALYTICAL SAMPLE SHEET

SHEET # 18

To:

Address:

From:

Project:

Shipped Via:

Date:

Waybill No:

INTERVAL	LENGTH (M)	Determinations Required:						HOLE #
		SAMPLE #	CU (PPM)	Zn (PPM)	Sn (PPM)	W (PPM)	U (PPM)	
115.8 - 118.9	3.1	32940	50	60	< 2	< 40	0.20	78-8
118.9 - 121.9	3.0	32941	50	45	< 2	< 40	0.60	"
121.9 - 124.4	2.5	716	50	67	< 2	< 40	0.50	"
124.4 - 127.4	3.0	717	36	66	< 2	< 40	0.60	"
127.4 - 130.1	2.7	718	72	58	< 2	< 40	0.50	"
130.1 - 131.7	1.6	719	80	80	< 2	< 40	2.10	"
131.7 - 134.1	2.4	720	31	83	< 2	< 40	1.50	"
134.1 - 135.6	1.5	721	26	120	< 2	< 40	0.60	"
135.6 - 138.7	3.1	722	56	64	< 2	< 40	0.80	"
138.7 - 141.7	3.0	723	48	65	< 2	< 40	0.60	"
141.7 - 144.8	3.1	32942	60	50	< 2	< 40	1.00	"
144.8 - 147.8	3.0	32943	48	58	3	< 40	0.80	"
147.8 - 149.4	1.6	32944	60	46	3	< 40	0.80	"
149.4 - 153.0	3.6	32945	52	62	3	< 40	0.80	"
153.0 - 155.4	2.4	32946	39	60	2	< 40	0.50	"
155.4 - 158.5	3.1	32947	47	40	2	< 40	1.00	"
158.5 - 161.5	3.0	32948	27	43	2	< 40	0.90	"
161.5 - 164.6	3.1	32949	40	48	2	< 40	0.60	"
164.6 - 167.6	3.0	32950	43	44	2	< 40	0.70	"
167.6 - 170.7	3.1	30051	42	50	< 2	< 40	0.80	"
170.7 - 173.7	3.0	30052	37	57	N.S.	N.S.	N.S.	"

Additional instructions:

Drill Hole Record



Property	GIB	District	Larder Lake	Hole No.	G-79-1
Commenced	March 10, 1979	Location	QUIBORD TWP	Tests at	45.73 112.80
Completed	March 12, 1979	Core Size	AQ	Corr. Dip	-44° -44°
Co-ordinates	Line 3+50N 5+00W (1978 Grid)			True Brg.	090°
Objective	Test mineralized syenite/sediment contact west of hole			% Recov.	98°
				Date	March 13/14, 1979

Claim 475780

T Brg. 090°

Collar Dip -45°

Elev.

Length 113.42m

Hole No.

Sheet 1/4

Footage From To	Description	Sample Interval	Sample No.	Length	Analysis
	NOTE: ALL MEASUREMENTS ARE IN METRES				
0 - 38.41	<u>CASING</u>				
38.41 - 42.68	<u>LAMPROPHYRE</u> Fine-to-medium-grained, dark green, biotite phenocrysts to 1cm. Pink siliceous inclusions to 1cm. Thin white carbonate veinlets throughout mostly at 45° to core axis. Less than 1% disseminated pyrite overall 41.92 - 42.22 Syenite inclusion (same as 42.68-113.41) sharp contacts, lower one @ 25° to core axis. Lamprophyre cuts syenite	38.41 - 41.62	3201	3.20	5
42.68 - 113.41	<u>SYENITE</u> Fine-to-medium coarse-grained, medium to dark green rock. Contains numerous (one per 20cm) thin 1-5mm shears and veinlets filled with fine-grained white/beige/pink carbonate material. Pyrite occurs in these veins as blebs and stringers, most at 30-60° to core axis. Fire red hematite staining increases below 67.07. <u>Note:</u> A strongly altered syenite has 30-50% coarse 2° K-spar, 15-20% biotite in books to 1cm. 1-3% pyrite disseminated blebs. Alteration is pervasive. 42.68 - 44.66 Fine-grained, dark green becoming medium-grained at base. Epidote alteration increases with depth to 20%. Thin cross-cutting white carbonate veinlets throughout from 20-60° to core axis.	41.62 - 44.66	3202	3.05	45

Drill Hole Record



Property	District	Hole No.	G-79-1
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample Interval	Sample No.	Length	Analysis	
					Au ^{ppb}	
	Strongly altered sections (42.99-43.14, 43.75-44.66), very coarse-grained pink silicic areas (to 4cm). Small 2.5cm sheared fractures 40° to core axis at 49.09. 30° @ 46.95					
44.66 - 96.65	Medium-to-coarse-grained syenite + 2° epidote alteration on feldspars. Epidote is rare when rock takes on steel blue/grey hue. Numerous pink silicic inclusions up to 2cm throughout. Less than 1% pyrite disseminated overall. 1-2cm white cross-cutting carbonate veins throughout from 30-60° to core axis	44.66 - 46.04	3203	1.37	6	
46.34	Strongly altered 10cm inclusion of 2° feldspar and 1cm biotite laths					
49.51 - 50.30	Steel grey medium-grained syenite. Biotite to 1cm. No epidote. 2-4% pyrite over 49.51-49.85	49.09 - 50.61	3205	1.52	600 (.018 oz/ton)	
51.07 - 51.37	Breccia strongly altered (as 49.51-50.30)					
52.29 - 52.90	Core badly fractured parallel to core axis					
53.35 - 55.79	Steel blue, no epidote, hematite staining in carbonate veins. Undulating carbonate. Laminated, 3-5% pyrite 54.73-55.03	50.61 - 53.66	3206	3.05	5100 (.155 oz/ton)	
	Fine-grained green basic inclusions with sharp contacts @ 45° to core axis for 5cm @ 57.32 and 59.70-59.91 and for 10cm @ 61.71, 2cm @ 61.89	53.66 - 55.18	3207	1.52	800 (.024 oz/ton)	
		55.18 - 56.71	3208	1.52	8	

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet

Drill Hole Record



Property		District	Hole No. G-79-1		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at		Hor. Comp.						
Completed		Core Size	Corr. Dip		Vert. Comp.						
Co-ordinates		True Brg.		Logged by							
Objective		% Recov.		Date							
Footage	Description	Sample Interval	Sample No.	Length	Analysis						
From	To				g/g						
	60.06 - 60.21	Dark grey red lamprophyre dyke with biotite phenocrysts. Intrudes syenite @ 65° to core axis	56.71 - 58.23	3209	3.05	11					
		Three 7cm strongly altered zones between 67.07-67.53. Also strongly altered 75.91-76.34, 83.99-96.04, 85.67-86.89	58.23 - 61.28	3210	3.05	80					
			61.28 - 64.33	3211	"	10					
			64.33 - 67.07	3212	2.74	52					
			67.07 - 70.12	3213	3.05	920 (.03 g/tm)					
	67.38 - 68.90	20-50% pyrite over 1-2cm in white pink carbonate veins @ 30° to core axis.	70.12 - 73.17	3214	"	23					
			73.17 - 76.22	3220	"	190					
	86.89 - 96.65	Moderate altered syenite, becomes more green and less steel grey. Epidote increases. White carbonate veins @ 89.02 - 2cm @ 60° to core axis. 2% pyrite @ 90.76-90.96. Six thin veins 10° & 70° to core axis with hematite. 2% pyrite.	76.22 - 79.27	3215	"	110					
			79.27 - 82.32	3216	"	340 (.01 g/tm)					
			82.32 - 85.37	3217	"	17					
			85.37 - 88.41	3219	3.05	6					
			88.41 - 91.46	3221	"	1100 (.033 g/tm)					
			91.46 - 94.51	3222	"	77					
		@ 92.68 - 60° to core axis									
		@ 93.60, 1cm, 70° to core axis									
		@ 96.34, 1cm, 45° to core axis									
	96.62 - 97.01)	Strongly altered									
	97.65 - 98.54)	(Note A) 2-3% pyrite									
	97.01 - 97.65	Sheared syenite, variable alteration, contacts sharp, lower @ 65° to core axis. 15% pyrite, locally 3-5% overall	94.51 - 96.65	3223	2.13	80					
			96.65 - 98.48	3226	1.83	420 (.013 g/tm)					
	98.54 - 98.78	Dioritic, sheared contacts, lower @ 25° to core axis. Foliation of dark green medium-grained biotite @ 40° to core axis.	98.48 - 100.00	3227	1.52	5					
		<1% fine pyrite									

Scale

Colour Plot
& Dips

Drill Hole Record



Property		District	Hole No. G-79-1		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet	
Commenced		Location	Tests at		Hor. Comp.							
Completed		Core Size	Corr. Dip		Vert. Comp.							
Co-ordinates		True Brg.		Logged by								
Objective		% Recov.		Date								
Footage	Description	Sample Interval	Sample No.	Length	Analysis							
From	To	Av ^{ppb}										
98.78	106.71	Moderate alteration decreasing downwards, strongly foliated from 98.78-99.39 and 100.91-101.68 @ 30° to core axis. Thin shearing with red hematite staining 98.78 (4cm, 35° to core axis) 102.81 @ 70° to core axis. 1-2% pyrite overall. Strong alteration (Note A). 105.79-106.10 with 5% pyrite.	100.00 - 103.05	3228	3.05	3						
			103.05 - 104.57	3229	1.52	1						
			104.57 - 106.10	3230	"	17						
106.71	110.03	Strong alteration (Note A) with epidote. 1% pyrite. 3cm shear @ 107.47 @ 35° to core axis. Chloritic with 6-8% disseminated pyrite. Two 2cm basic inclusions 107.56 & 107.77. Lower contact sharply sheared @ 30° to core axis	106.10 - 107.62	3231	"	120						
			107.62 - 109.15	3232	"	9						
110.03	111.13	Mafic rich green weakly altered syenite. Less than 1% fine pyrite. Hematite staining along small veinlets.	109.15 - 110.67	3233	"	3						
			110.67 - 112.20	3234	"	2						
111.13	113.42	Strongly altered syenite, 1-2% disseminated pyrite. Many thin shears @ 20-30° to core axis	112.20 - 113.41	3235	1.22	4						
113.42	END OF HOLE											

Drill Hole Record



Property **GIB** District **Larder Lake** Hole No. **G-79-2**
 Commenced **March 12, 1979** Location **3+75W, 3+00S** Tests at **60.98 97.56** Hor. Comp. **72.26**
 Completed **March 15, 1979** Core Size **AQ** Corr. Dip **41° 42°** Vert. Comp. **66.0**
 Co-ordinates **3+00S, 3+75W (1978 Grid)** True Brg. **090°** Logged by **L. Bottomer**
 Objective **Test mineralized syenite sediment contact 600' S. of hole 79-1% Recov. 99%** Date **March 18, 1979**

Claim 475780

T Brg. 090°

Collar Dip -45°

Elev.

Length 97.87m

Hole No.

Sheet

Footage From To	Description	Sample Interval	Sample No.	Length	Analysis			
					As %			
0 - 50.27	<u>CASING</u>							
50.27 - 51.62	<u>GREYWACKE</u> Medium to dark grey, massive, medium grained (0.5 - 1mm) with scattered cream-pink spots (?feldspar) from 50.91. Minor wide spaced thin carbonate veins, 1% pyrite throughout. Lower contact sharp, irregular at 55° to c.a. 2 cm of feldspar porphyry in broken core at 50.30	50.30-51.52	3251	1.22	14			
51.62 - 54.51	<u>SYENITE</u> Medium to dark green, massive, coarse grained. Texture approaches pegmatitic in places with development of coarse K-feldspar and biotite patches and veining. Fsp. alteration strong, patchy to 52.44, strong, pervasive to 53.90. Up to 5% pyrite disseminated and in stringers 52.44 - 53.90 From 53.90, more regular medium to coarse grained syenite with weak pervasive feldspar and epidote alteration. Minor disseminated pyrite, and in thin carbonate veinlets. Lower contact sharp at 20° to c.a.	51.52-54.88	3252	3.35	18			
54.51 - 54.85	<u>LAMPROPHYRE</u> Massive grey-green rock with abundant (20%) biotite phenocrysts to 8mm in equigranular matrix. No pyrite, minor carbonate veining. Both contacts irregular, sharp.							

Drill Hole Record



Property	District	Hole No. G-79-2	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage		Description	SAMPLE INTERVAL	Sample No.	Length	Analysis				
From	To					Av	PPB			
54.85	57.93	<u>SYENITE</u> To 56.10 medium-coarse grained, massive, with cream feldspar (2-3mm) grains set in dark green matrix. $\pm 1\%$ fine disseminated pyrite, thin carbonate veins (1-2mm) with minor hematite stainings, weak pervasive feldspar alteration. 53.27 - 55.43 shear zone with dark red ?feldspar/hematite alteration; carbonate veining, and 5-10% pyrite. From 56.10, more heterogeneous texture, with coarse secondary biotite and moderate to strong pervasive feldspar alteration. 2-3% pyrite, disseminated and in carbonate veinlets with red alteration along margins. Lower contact sharp at 75° to c.a.	54.88-57.93	3253	3.05	26				
57.93	59.57	<u>GREYWACKE</u> Grey, massive (no bedding), medium grained (1mm). Numerous hairline carbonate veins with red staining; Sulphide $< 1\%$ throughout 58.60 - 58.78 Syenite dyke 58.84 Carbonate gash veins	57.93-59.45	3254	1.52	30				
59.57	60.76	<u>SYENITE</u> Dark green, massive, medium to coarse grained, with moderate pervasive feldspar alteration and secondary biotite throughout. Pyrite $\pm 1\%$. Upper contact sharp, irregular, lower contact not cored.								

Scale

Colour Plot
& Dips

Drill Hole Record



Property	District	Hole No. G-79-2	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	SAMPLE INTERVAL	Sample No.	Length	Analysis					
					Av ^{PPB}					
60.76 - 62.2	<u>GREYWACKE</u> Similar to 57.93 - 59.45									
	60.98 - 61.43 Pervasive pink staining and many thin carbonate veinlets around 1cm. vein or shear sub-parallel to c.a. Infilled with pink ?feldspar, chlorite and pyrite.	59.45 - 62.50	3255	3.05	22					
	From 61.59, have patches of feldspar developed.									
62.2 - 62.44	<u>SYENITE</u> Similar to 54.82 - 56.10. +1% disseminated pyrite. Sharp, irregular lower contact, upper contact somewhat gradational.									
62.44 - 76.40	<u>GREYWACKE</u> Grey, massive, medium grained (0.5 - 1mm), no bedding. No disseminated pyrite present. Thin hairline quartz veins oriented at 90° to c.a. throughout. Density 1 per 2cm. in places	62.50 - 65.55	3256	3.05	51					
	63.11 - 64.94 Grey quartz veins (minor pyrite) and patches; probably in situ remobilization	65.55 - 68.60	3257	"	21					
	67.99 - 70.12 Irregular carbonate veinlets with red staining. Similar veins 74.39 - 76.37, mostly at 20° to c.a., with increase in frequency	68.60 - 71.65	3258	"	36					
	from 75.00	71.65 - 74.70	3259	"	13					
	Lower contact sharp, irregular at 15° to c.a.	74.70 - 76.22	3260	1.52	16					

Drill Hole Record



Property		District	Hole No. G-79-2		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at		Hor. Comp.						
Completed		Core Size	Corr. Dip		Vert. Comp.						
Co-ordinates		True Brg.		Logged by							
Objective		% Recov.		Date							
Footage	Description	SAMPLE INTERVAL	Sample No.	Length	Analysis						
From To					Au Ppb						
76.40 - 81.59	<u>SYENITE</u>										
	Contact zone to 77.74 intensely sheared in places, with carbonate veining, pink staining, and greywacke inclusions. Strongest shearing 77.13, 77.59, at 20-30° to c.a. 5% pyrite in sheared zones.	76.22-77.74	3261	1.52	30						
	From 77.74, massive, green, medium to coarse grained with 2-3mm cream feldspar grains in green groundmass. Epidote alteration throughout, minor carbonate veinlets, 2% disseminated pyrite.	77.74-80.79	3262	3.05	13						
	80.34 - 80.55 Irregular carbonate - ?hematite gash veins										
	Feldspars altered to pink colour										
81.59 - 82.50	<u>LAMPROPHYRE</u>										
	Massive, pink-grey, with abundant (~15%) black-green biotite phenocrysts, 1-3mm average, ranging to 10mm. Carbonate rich matrix, minor veining. Contacts sharp, irregular; lamprophyre post - syenite. Epidote alteration for 2cm at both contacts	80.79-83.84	3263	3.05	5						
82.50 - 88.08	<u>SYENITE</u>										
	Similar to 77.74 - 81.59. Epidote alteration of feldspar and 1-2% disseminated pyrite throughout. Lamprophyre dykes 84.66 (3cm) and 85.34 (1cm); dyke contacts altered to pink colour, with 3-5% pyrite	83.84-88.11	3264	4.27	8						
	85.12 - 85.34 inclusion of mafic/ultramafic rock with possible spinifex texture. Both contacts (with syenite and lamprophyre) sheared.										

Drill Hole Record



Property		District	Hole No. G-79-2		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at		Hor. Comp.						
Completed		Core Size	Corr. Dip		Vert. Comp.						
Co-ordinates			True Brg.		Logged by						
Objective			% Recov.		Date						
Footage From To	Description	SAMPLE INTERVAL	Sample No.	Length	Analysis						
	From 87.20, pervasive pink staining associated with gash veins of carbonate and dark purple hematite. Vein breccia 87.96 - 88.08				Av	PPB					
88.08 - 89.60	<u>MAFIC DYKE</u> Massive, dark green, with abundant 1-2mm biotite flakes in green groundmass. No pyrite. Carbonate gash veins near upper contact, lower contact sharp, very irregular. Appears to have intruded along a shear.	88-11-89-63	3265	1.52	4						
89.60 - 92.77	<u>SYENITE</u> To 90.82 is massive, coarse grained, with strong development of secondary feldspar and biotite. 2-3% disseminated pyrite. From 90.82, dark green, medium-coarse grained with abundant biotite from 92.07. Low pyrite ($\leq 1\%$), weak-moderate pervasive feldspar alteration, red staining with carbonate gash veinlets.	89-63-91-46	3266	1.83	7						
	89.94 8cm. mafic dyke (similar to 88.08 - 89.60)	91-46-92-99	3267	1.52	5						
	90.40 - 90.55 Lamprophyre dyke										
	91.01 - 91.37 Lamprophyre dyke, both contacts sheared, with carbonate-hematite veining										
92.77 - 96.43	<u>LAMPROPHYRE</u> Massive, pink-grey, with scattered biotite phenocrysts up to 12mm. Carbonate gash veins throughout, + dark purple hematite										

Drill Hole Record



Property	District	Hole No.	G-79-2
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim
T Brg.
Collar Dip
Elev.
Length
Hole No.

Footage		Description	SAMPLE INTERVAL	Sample No.	Length	Analysis				
From	To					Av	PPB			
	93.84 - 94.02	Syenite inclusion, similar to 90.82 - 92.77	92.99 - 96.04	3268	3.05	29				
	96.34 - 96.43	Syenite inclusion, similar to 89.60 - 90.82								
96.43	97.56	<u>BASIC VOLCANICS</u> Massive, green, medium grained, with dark green ?hornblende set in epidote rich groundmass. Both contacts sharp, ?sheared								
	96.55 - 96.62	Lamprophyre dyke	96.04 - 97.87	3269	1.83	19				
97.56	97.87	<u>SYENITE</u> Similar to 89.60 - 90.82								
98.87		END OF HOLE								

Scale

Colour Plot
& Dips

Drill Hole Record



Property	GIB	District	Larder Lake	Hole No.	G-79-3
Commenced	March 16, 1979	Location	<i>GUIBORD TWP</i>	Tests at	118.90
Completed	March 21, 1979	Core Size	AQ	Corr. Dip	52°
Co-ordinates	0+50S, 10+00E (1978 Grid)			True Brg.	315°
Objective Test	SE syenite/sediment contact			% Recov.	99%
				Hor. Comp.	75.30
				Vert. Comp.	92.07
				Logged by	J. S. Olver
				Date	March 23, 1979

Claim 477239

T Brg. 315°

Collar Dip -50°

Elev.

Length 118.9m

Hole No. 78-2
Sheet 1

Footage		Description	Sample Interval	Sample No.	Length	Analysis	
From	To					PP	PP
0	88.41	<u>CASING</u>					
88.41	118.90	<u>GREYWACKE</u>					
		Dark grey, fine to medium grained, with finer-grained dark grey argillite intervals. Numerous (5 per 30cm) white carbonate veins at all angles to core axis. Pyrite <1% overall, mainly in the carbonate veins. Bedding 20-60° to core axis, defined by finer grained argillite laminations. Graded bedding @ 113.72	88.41 - 88.79	3270	1.37	44	
			88.79 - 91.46	3271	1.68	45	
			91.46 - 92.99	3272	1.52	40	
			92.99 - 94.51	3273	1.52	83	
		91.13 5mm carbonate vein	94.51 - 97.56	3274	3.05	32	
		91.75 sub-parallel, quartz veins with marginal bleaching and pyritization	97.56 - 100.61	3275	"	10	
		94.18 high angle carbonate veins 2-4mm wide, cut by 4mm. quartz vein with marginal bleaching	100.61 - 103.66	3276	"		
			103.66 - 106.71	3277	"	10	
		103.02 1cm. carbonate veins with chloritic ?inclusions	106.71 - 109.76	3278	"	11	
		113.38 quartz-feldspar veins with marginal bleaching and pyritization	109.76 - 112.80	3279	"	7	
			112.80 - 115.85	3280	"	66	
118.90		END OF HOLE	115.85 - 118.90	3281	"	20	

Drill Hole Record



Property GIB District Larder Lake Hole No. G-79-4
 Commenced March 22, 1979 Location *G-VIBORD TWP* Tests at 72.96 124.09 167.68 Hor. Comp. 99.09
 Completed March 31, 1979 Core Size AQ Corr. Dip 55° 51° 54° Vert. Comp. 135.67
 Co-ordinates 3+00N 12+00W (1978 Grid) True Brg. 090° -50° Logged by J.S. Olver
 Objective Test magnetic anomaly to E of mineralization in hole 78-7 % Recov. 97% Date April 2, 1979

Claim 475780
 T Brg. 090°
 Collar Dip -50°
 Elev.
 Length 168.29m
 Hole No. Sheet / 3

Footage From To	Description	Sample Interval	Sample No.	Length	Analysis Au PPM
0 - 59.15	<u>CASING</u>				
59.15 - 86.59	<u>GREYWACKE</u>				
	Fine to medium grained, massive, grey, with surficial Fe staining to 71.00.	59.15 - 62.60	3236	3.05	7
	Numerous thin cross-cutting carbonate veins at all angles to core axis. 1% pyrite overall, as fracture coatings and stringers with carbonate veins.	62.60 - 65.24	3237	"	9
		65.24 - 68.29	3238	"	12
	63.70 Bedding @ 25° to core axis	68.29 - 71.34	3239	"	7
	75.90 - 76.20 Mafic dyke	71.34 - 74.39	3240	"	17
	76.20 - 86.59 Alteration, bleaching and carbonate veining, increasing towards lower contact. 1-2% pyrite to 82.00, 2-3% pyrite 82.00 - 86.59.	74.39 - 77.44	3241	"	11
		77.44 - 80.49	3242	"	31
	Pink colouration 86.00 - 86.59. Lower contact sharp, with 1cm. white carbonate vein @ 25° to core axis.	80.49 - 83.54	3243	"	22
		83.54 - 85.06	3244	1.52	24
		85.06 - 86.59	3245	1.52	27
86.59 - 159.02	<u>DIABASE DYKE</u>				
	- Typical ophitic texture throughout. Chill zones from 86.59 - 92.99 and 154.27 - 159.02. Moderately magnetic. 1-2% pyrite and pyrrhotite disseminated throughout	86.59 - 88.11	3246	1.52	13
		88.11 - 89.63	3247	"	8
		89.63 - 91.46	3248	1.83	1
	- cross cutting 1mm - 1cm white carbonate veins at various angles throughout	91.46 - 94.51	3249	3.05	6
	- lower contact not cored	94.51 - 97.56	3250	"	9
		97.56 - 100.61	3282	"	9
		100.61 - 103.66	3283	"	4

Drill Hole Record



Plot
& Dips

Property	District	Hole No.	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim
T Brg.
Collar Dip
Elev.
Length
Hole No.

Footage From	To	Description	Sample No.	Length	Analysis					
					A ₀	A ₁	A ₂	A ₃	A ₄	
			103.66 - 106.71	3284	3.05	6				
			106.71 - 109.76	3285	"	7				
			109.76 - 112.80	3286	"	4				
			112.80 - 115.85	3287	"	2				
			115.85 - 118.90	3288	"	5				
			118.90 - 121.95	3289	"	2				
			121.95 - 125.00	3290	"	2				
			125.00 - 128.05	3291	"	3				
			128.05 - 131.10	3292	"	11				
			131.10 - 134.15	3293	"	13				
			134.15 - 137.20	3294	"	13				
			137.20 - 140.24	3295	"	20				
			140.24 - 143.29	3296	"	9				
			143.29 - 146.34	3297	"	12				
			146.34 - 149.39	3298	"	12				
			149.39 - 152.44	3299	"	16				
			152.44 - 155.44	3300	"	9				
			155.44 - 158.84	3501	"	10				

Drill Hole Record



Colour Plot
& Dips

Property	District	Hole No. G-79-4	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage	Description	Sample No.	Length	Analysis	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
From	To										
159.02	168.29	GREYWACKE	158.84 - 160.37	3503	1.05	11					
		As before. Fine to medium grained, grey, with thin 1-2mm quartz and carbonate veining at all angles to core axis. Moderate bleaching, 1-2% pyrite to end of hole. Pyrite on fractures and in veins.	160.37 - 161.89	3504	"	7					
			161.89 - 163.41	3505	"	3					
			163.41 - 164.94	3506	"	10					
		160.52 - 161.13 Core broken up; many white carbonate veins and yellow-green epidote fracture coatings	164.94 - 166.96	3507	"	15					
			166.96 - 168.29	3508	1.83	9					
168.29		END OF HOLE									
		Poor recovery at top of hole:									
		<u>Interval</u>	<u>Length</u>	<u>Recovered Length</u>							
		59.15 - 60.67	1.52m	0.61 metres							
		60.67 - 61.28	0.61m	0.61 "							
		61.28 - 62.50	1.22m	0.91 "							
		62.50 - 64.02	1.52m	1.22 M							
		64.02 - 67.07	1.52m	1.22 "							
		67.07 - 69.21	2.14m	1.52 "							
		69.21 - 86.59	17.38m	16.77 "							

Drill Hole Record



Property	GIB	District	Larder Lake	Hole No.	G-78-5
Commenced	April 1, 1979	Location	GUIBORD TWP	Tests at	50.3 137.2
Completed	April 4, 1979	Core Size	AQ	Corr. Dip	44° 44°
Co-ordinates	L9+00N 6+00W (1978 Grid)		True Brg.	090°	Logged by J.S. Olver
Objective	Test syenite/sediment contact 600' N. of hole 79-1		% Recov.	99%	Date April 4, 1979

Claim 475777

T Brg. 090°

Collar Dip -45°

Elev.

Length 137.5m

Hole No. Sheet

Footage From To	Description	Sample Interval	Sample No.	Length	Analysis	
					Ag	Ppb
0 - 42.68	<u>CASING</u>					
42.68 - 73.78	<u>GREYWACKE</u>					
42.68 - 45.59	Strongly sheared and altered, fine grained rock, green-beige colour. Rock is fractured by 1) cross cutting white quartz carbonate veins from 1-3cm wide (1 per 20cm) and, 2) numerous (1 per 2cm) thin (1-5mm) blue quartz veins bounded symmetrically by beige bleaching (up to 1cm). Pervasive sericitization. Less than 1% disseminated pyrite. Most veins 40-60° to core axis	42.68-45.73	3509	3.05	31	
46.95 - 47.13	Intermediate dyke, coarse grain grey rock. 30% altered irregular white feldspar, 20% black (hornblende/biotite) laths to 2mm. Contacts sharp at 50° to core axis. Dyke fines at contact. 1cm vein of similar material @ 51.83	45.73-48.78	3510	3.05	10	
49.37 - 67.68	Medium grained, grey, granular. Greywacke vague thin (1-2mm) dark veins mostly sub parallel to core axis. Two distinct phases of quartz carbonate cross-cutting veins 1-2mm in width, frequency (1/1-2cm) mostly 45-90° to core axis. Core is very broken up. 1% disseminated pyrite throughout	48.78-51.83	3511	3.05	13	
		51.83-54.88	3512	3.05	34	
		54.88-57.93	3514	3.05	12	

Scale

Colour Plot
& Dips

Drill Hole Record



Property	District	Hole No.	G-79-5
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet

Footage From To	Description	SAMPLE INTERVAL	Sample No.	Length	Analysis				
					Au ^{ppb}				
	Also 1-2cm carbonate veins (1 metre) bordered by bleaching in greywacke (up to 10cm from vein). Possible bedding @ 50.30 @ 0° to core axis. @ 53.35 @ 30° "	57-93 - 60-98	3514	3.05	12				
	Three 10cm fine grain, irregular, grey inclusions from 52.44 - 52.79. Bleaching gradually increases from 66.16 - 67.68.	60-98 - 64-02	3515	3.05	7				
	67.68 - 68.29 Shear zone (same as 42.68 - 49.39) 2-3% disseminated pyrite. Lower contact sharp @ 30° to core axis.	64-02 - 67-07	3516	3.05	35				
	68.29 - 73.38 Strongly altered, fine grained greywacke (same as 42.68 - 49.39) 1-2% pyrite over section, strong beige bleaching, less sericitization	67-07 - 68-60	3517	1.52	53				
	73.78 - 78.05 <u>LAMPROPHYRE</u> Dark green, pink medium-coarse grained rock 40% white altered feld laths. 40% green hornblende laths also 10% biotite phenocrysts up to 2cm Up to 40% pink silicic alteration in places 1% pyrite disseminated Cross cut by many 1mm - 10mm size carbonate veins at all angles to core axis Upper contact not cored. Lower contact sharp and irregular	68-60 - 71-65 71-65 - 73-78	3518 3519	3.05 2.13	91 77				
		73-78 - 78-05	3520	4.27	16				

Drill Hole Record



Property		District	Hole No. G-79-5		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	
Commenced		Location	Tests at								Hor. Comp.
Completed		Core Size	Corr. Dip								Vert. Comp.
Co-ordinates		True Brg.		Logged by							
Objective		% Recov.		Date							
Footage	Description	Sample Interval	Sample No.	Length	Analysis						
From	To				P _u	P _b					
78.05	112.07	GREYWACKE (similar to 49.39 - 67.68)									
		- fine grained immediately below contact, gradually increases to medium grained by 82.32	78.05 - 81.10	3521	3.05	9					
		- rock is <u>very competent</u> and appears baked	81.10 - 84.15	3522	"	7					
		approx. 1% disseminated pyrite and in blebs along cross-cutting veins	84.15 - 87.20	3523	"	20					
		Bleaching occurs for about 2mm each side the blue quartz vein phase	87.20 - 90.24	3524	"	25					
		- bleached carbonate vein breccias 90.55 - 90.85, 91.77 - 92.07 @ 25° to core axis, 2% pyrite disseminated over section 96.55 - 111.89	90.24 - 93.29	3525	"	413					
		- 10cm white silicic inclusion cross cut by numerous fine dark veins @ 91.31	93.29 - 96.34	3526	"	865					
		- rock is constantly medium grained but color develops two separate tones. Dark green and dark grey?	96.34 - 99.39	3527	"	35					
			99.39 - 102.44	3528	"	63					
			102.44 - 105.49	3529	"	181					
			105.49 - 108.59	3530	"	150					
			108.59 - 112.07	3531	3.54	408					
112.07	116.10	SYENITE									
		Medium-coarse grained, 50% pink-cream feldspar crystals (subhedral) (to 3cm) fine to medium grained, light green grey matrix, fine grained epidote throughout.	112.07 - 114.02	3532	1.95	361					
		2% pyrite overall disseminated and along thin carbonate veins									
		Upper contact @ 75° to core axis along 3mm carbonate vein chilling on both sides	114.02 - 115.85	3533	1.83	100					
		Lower contact distinct slightly irregular, syenite later									
		114.02 - 116.04 Greywacke (same as 78.05 - 112.07) lower contact sharp at 60° to core axis									

Drill Hole Record



Property		District	Hole No. G-79-5		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet	
Commenced		Location	Tests at									Hor. Comp.
Completed		Core Size	Corr. Dip									Vert. Comp.
Co-ordinates		True Brg.		Logged by								
Objective		% Recov.		Date								
Footage	Description	Sample Interval	Sample No.	Length	Analysis							
From	To											
116.1	130.7	GREYWACKE (Similar to 78.05 - 112.07) Upper contact sharp @ 60° to core axis.	115.85-118.90	3534	3.05	171						
		Massive, light grey, 0.5 mm grains. Minor quartz veining, generally low sulphide content (≤ 1% pyrite).	118.90-121.95	3535	"	33						
		Bedding at 118.90 @ 20° to core axis, 124.09 @ 55° to core axis.	121.95-125.0	3536	"	42						
		128.66 - 128.96 Irregular patches of white syenitic material.	125.0 - 128.05	3537	"	21						
			128.05-131.1	3538	"	33						
130.7	131.45	SYENITE										
		Upper contact chilled diffuse @ 90° to core axis. Medium-coarse grained, equigranular, grey-green, 3-4% disseminated pyrrhotite										
		131.05 - 131.20 Greywacke inclusion (same as 116.1 - 130.79) Upper contact sharp @ 25° to core axis. Lower contact sharp @ 45° to core axis.										
131.45	133.20	BASIC VOLCANICS Fine grained, green-grey, massive, with bladed texture developed near upper and lower contacts. Syenite dyke 131.83 - 132.28.	131.1-132.62	3539	1.52	7						
			132.62-134.15	3540	1.52	3						
133.20	137.50	SYENITE Strong development of very coarse 2° feldspar to 135.65. From 135.65, medium-coarse grained, epidote rich rock, with moderate to strong 2° feldspar. 2% pyrite ± chalcopyrite in feldspar altered sections to 135.65. Pyrrhotite stringers and blebs (1-2%) from 135.65	134.15-137.50	3541	3.35	19						
137.50		END OF HOLE										

Scale

Colour Plot
& Dips

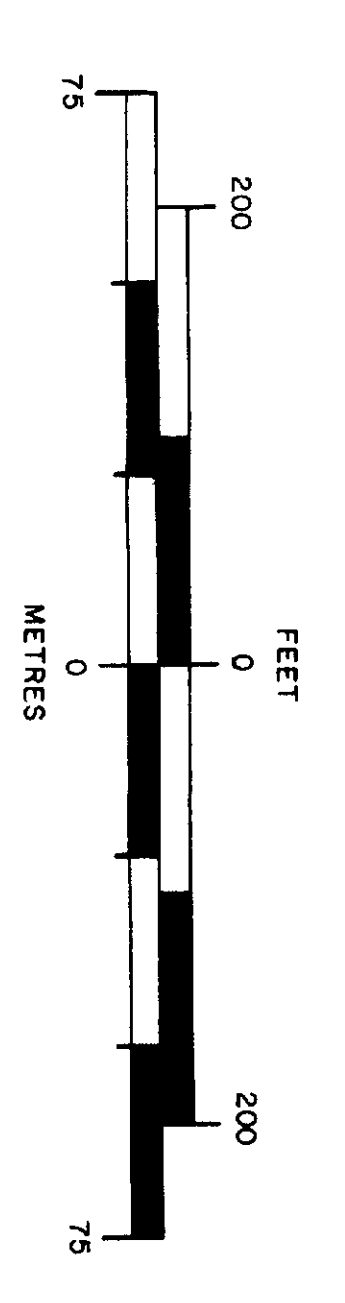
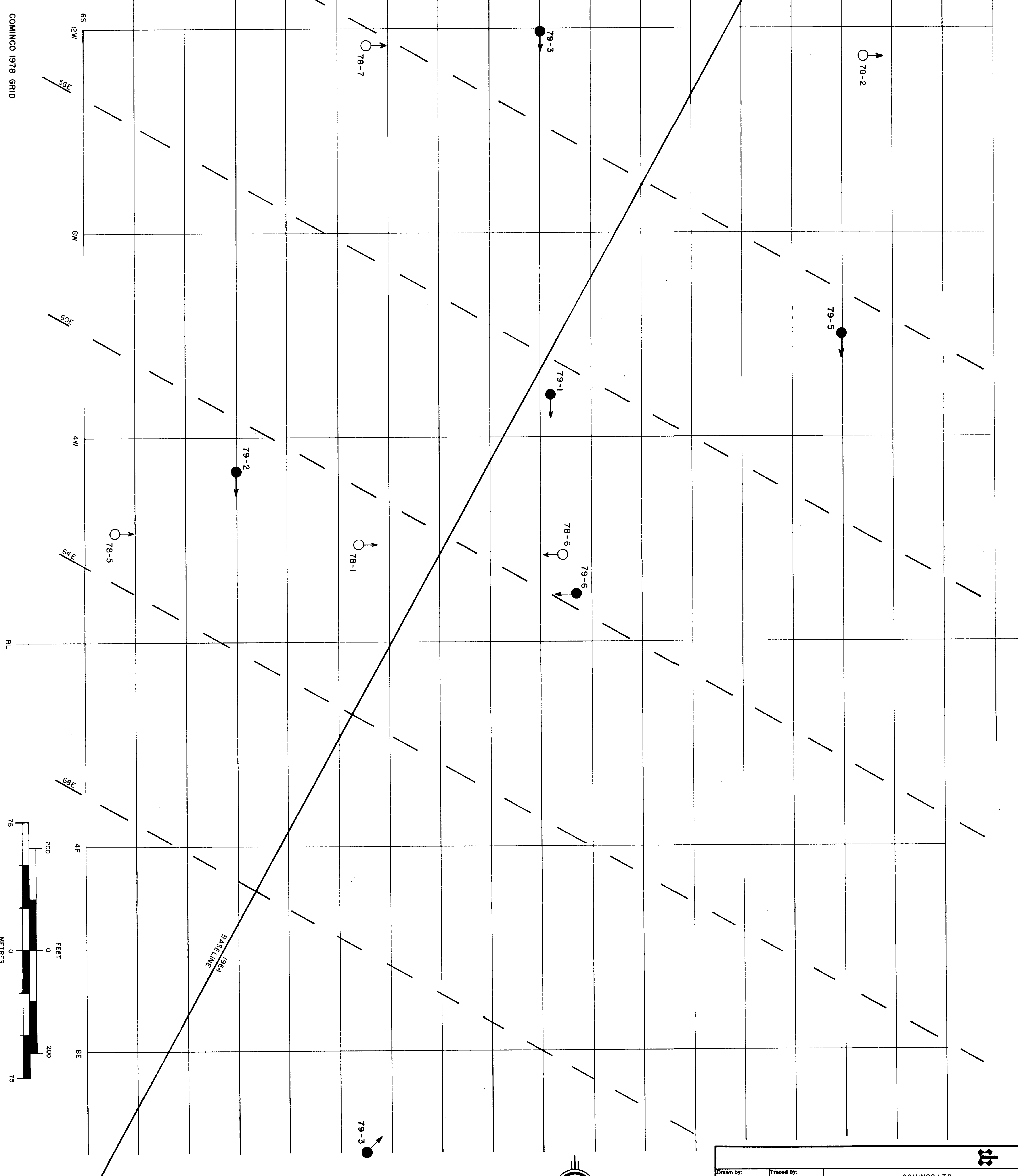
Drill Hole Record



Property	District	Hole No. G-79-5	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov. 99%	Date

Footage From To	Description	CORE RECOVERY						Sample No.	Length	Analysis				
		Run	Ending	Core Lost	Run	Lost	Run			Lost	Claim	T Brg.	Collar Dip	Elev.
	42.68	Casing	69.51	-	109.15	-	Total runs	15.85						
	43.29	.03	72.86	.06	11.28	-	Average run length	1.82						
	44.21	.06	72.87	-	114.38	-	% recovery	99%						
	45.12	.03	75.30	.03	117.38	-								
	47.56	.09	76.52	.03	119.21	.03								
	48.78	-	78.35	.06	120.12	.03								
	49.70	-	79.88	-	121.65	.06								
	51.22	-	82.62	-	124.70	-								
	53.35	.03	85.37	-	127.74	-								
	54.88	-	86.28	-	131.10	.06								
	56.10	-	87.80	-	132.62	.03								
	57.93	.03	90.85	-	135.67	-								
	59.45	-	94.21	.03	137.50	-								
	60.37	-	95.43	-										
	62.20	-	96.65	.03										
	63.72	.06	97.87	-										
	64.94	-	100.00	-										
	65.55	-	103.05	-										
	66.46	.03	106.10	.06										
	67.99	.09	107.32	-										

COMINCO 1978 GRID
 HOLLINGER 1964 GRID
 COMINCO 1979 DDH
 COMINCO 1978 DDH



MEAP KL-128

Drawn by:		Traced by:		COMINCO LTD GIB PROPERTY DRILL HOLE LOCATION MAP		
Reviewed by:	Date:	Reviewed by:	Date:			

