53F04NW0122 14 HERONRY LAKE

010

DIAMOND DRILLING

Area: HERONRY LAKE

Report No: 14

WORK PERFORMED FOR: Canadian Nickel Company Limited

RECORDED HOLDER: SAME AS ABOVE [xx]

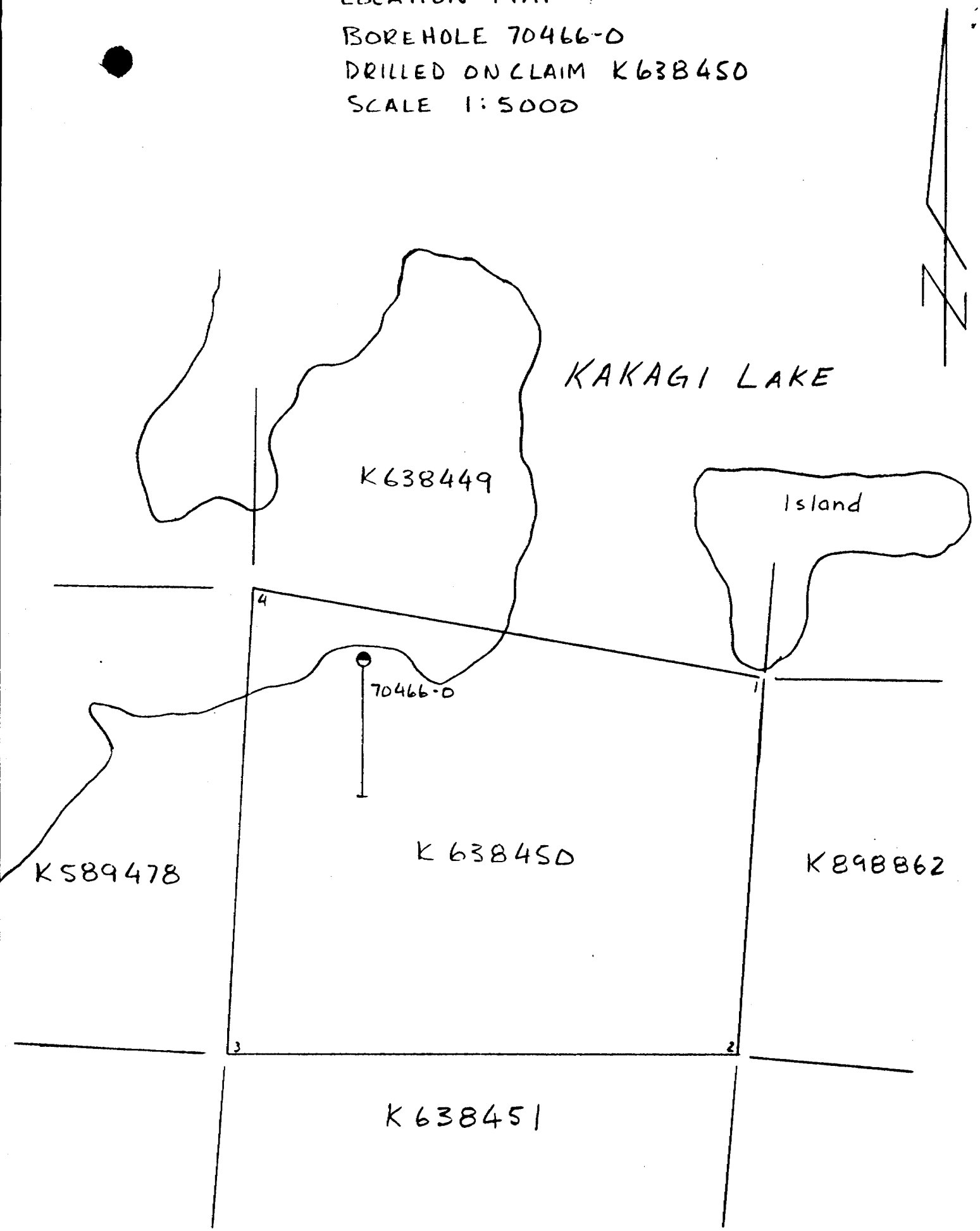
: OTHER [ ]

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
K589479	70467-0	175.9m	Feb/87	(1) (2)
	70462-0	164.9m	Feb/87	(1) (2)
	70463-0	177.1m	Feb/87	(1) (2)
K589480	70464-0	234.7m	Feb/87	(1) (2)
K589479	70465-0	222.2m	Feb/87	(1) (2)
K638450	70466-0	269.4m	Feb/87	(1) (2)

NOTES: (1) #107-87, filed in Jan/88.
(2) Also submitted under OMEP, #OM86-3-P-102, see Toronto file #63.5454. Additional information was filed as Cross Sections and an Progress Report.

LOCATION MAP
BORE HOLE 70465-0
DRILLED ON CLAIM K 589479
AREA OF HLPONPY LAKE (G-2621)
SCALE 1:5000

LOCATION MAP
BOREHOLE 70466-0
DRILLED ON CLAIM K638450
SCALE 1:5000



**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	: Fort Knox JV	LATITUDE	:N 9510.0 M	NTS SHEET #	: 52-F-4	STARTED	: 02-17-87
PROPERTY	: Fenn	DEPARTURE	:E 9600.0 M	TOWNSHIP	:	COMPLETED	: 02-19-87
BOREHOLE	: 70467-0	ELEVATION	: 1359.7 M	PROVINCE	: Ontario	MEASUREMENTS	: M
AZIMUTH	: 175.0	BL AZIMUTH	: 085	COUNTRY	: Canada	DRILLED BY	: Ultramobile
DIP	: -45.0	GRID BEARING	:	CLAIM #	: K589479	DRILL TYPE	: Hydracore 2B
DEPTH	: 175.9 M	LOGGED BY	: R. Bell	GRID NAME	:	TEST METHOD	: Acid
				CORE SIZE	: BQwl	ASSAYED FOR	: Gold

COMMENTS : Collar is 70 m W and 155 m S of number one post.

LEFT IN HOLE:3.05 m casing

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
60.96		-40.50	121.92		-40.50	175.87		-38.00			

**********DESCRIPTION**********

**********ANALYSES**********

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
.00	2.18	OVERBURDEN Casing in sand and gravel.								
2.18	3.25	GABBRO Altered. Yellow -lime green locally fuchsitic sericitized strongly carbonatized silicified gabbro riddled with quartz carbonate veins.	FX224519	2.18	3.25	1.07	TR	-	.065	.070
3.25	11.03	GABBRO Halo alteration. Gray to green fine grained slightly bleached looking weakly to moderately carbonatized gabbro. 5% pink dolomite carbonate veins. Weakly to	FX224520	3.25	5.10	1.85	TR	F48	.460	.921
			FX224521	5.10	6.54	1.44	TR	-	.015	.942
			FX224522	6.54	8.04	1.50	TR	F50	.055	1.025

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU FPM	PPM*M
		moderately foliated.	FX224523	8.04	9.53	1.49	TR	F48	.050	1.099
		8.04 9.53 Few carbonate dolomite veins to 4 centimetres wide.	FX224524	9.53	11.03	1.50	TR	F45	<.005	1.099
		9.53 11.03 Gradational lower contact.								
11.03	34.63	GABBRO								
		Dark green fine grained to medium grained massive to	FX224525	11.03	12.51	1.48	TR	-	.020	1.129
		weakly foliated gabbro with few dolomite carbonate	FX224526	12.51	14.00	1.49	TR	-	.020	1.159
		quartz veins. Slightly bleached around some veins.	FX224527	14.00	15.50	1.50	TR	-	.030	1.204
		18.48 19.98 5 to 10% veining.	FX224528	15.50	17.00	1.50	TR	-	.020	1.234
		19.98 21.45 15% contorted dolomite quartz veins.	FX224529	17.00	18.48	1.48	TR	F42	.020	1.263
		27.43 28.93 5 to 8% quartz carbonate veining parallel to	FX224530	18.48	19.98	1.50	TR	-	.010	1.278
		foliation.	FX224531	19.98	21.45	1.47	TR	-	.030	1.322
		30.31 31.74 Minor pyrite at thin quartz vein contacts.	FX224532	21.45	22.95	1.50	TR	F45	.010	1.337
		33.24 34.63 Sharply gradational lower contact.	FX224533	22.95	24.43	1.48	TR	-	<.005	1.337
			FX224534	24.43	25.93	1.50	TR	-	<.005	1.337
			FX224535	25.93	27.43	1.50	TR	-	<.005	1.337
			FX224536	27.43	28.93	1.50	TR	F35	.050	1.412
			FX224537	28.93	30.31	1.38	TR	F48	.005	1.419
			FX224538	30.31	31.74	1.43	TR	F45	.075	1.526
			FX224539	31.74	33.24	1.50	TR	-	.040	1.586
			FX224540	33.24	34.63	1.39	TR	-	.055	1.663
34.63	36.29	GABBRO								
		Altered. Very pale green weakly fuchsitic fine grained	FX224541	34.63	36.29	1.66	4	F50	.265	2.103
		carbonatized sericitized gabbro. 10% black smokey quartz								
		veins and carbonate veins. 4% fine grained to coarse								
		grained disseminated pyrite. Few less altered chloritic								
		sections.								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
36.29	37.06	VEIN								
		Predominantly ankerite and black quartz vein from parallel to core axis to 50 degrees to core axis. 30% bleached altered gabbro wallrock as to 36.29. 1 to 2% each pyrite and chalcopyrite.	FX224542	36.29	37.06	.77	3	-	.330	2.357
37.06	49.34	GABBRO								
		As to 34.63. Very homogeneous.	FX224543	37.06	37.70	.64	TR	-	.025	2.373
		37.70 39.12 5% milky white quartz veins.	FX224544	37.70	39.12	1.42	TR	-	.015	2.394
		44.98 46.45 15% thin quartz dolomite veinlets with bleached altered contacts.	FX224545	39.12	40.54	1.42	TR	-	<.005	2.394
			FX224546	40.54	42.04	1.50	TR	-	.010	2.409
		46.45 47.95 Quartz carbonate vein 20 centimetres wide with minor pyrite at contacts.	FX224547	42.04	43.46	1.42	TR	-	.015	2.430
			FX224548	43.46	44.98	1.52	TR	F55	.005	2.438
			FX224549	44.98	46.45	1.47	TR	-	.010	2.453
			FX224550	46.45	47.95	1.50	2	-	.015	2.475
			FX224551	47.95	49.34	1.39	TR	F53	.010	2.489
49.34	49.84	GABBRO								
		Halo alteration. Bleached light gray fine grained moderately carbonatized gabbro with few thin quartz carbonate veins.	FX224552	49.34	49.84	.50	TR	F55	.050	2.514
49.84	51.30	GABBRO								
		Altered. Buff to very pale lime green highly pervasive carbonate and silica alteration. Riddled with quartz carbonate veins. Weakly fuchsitic and sericitized stringers. 7 to 10% fine grained to coarse grained pyrite.	FX224553	49.84	51.30	1.46	10	-	.960	3.916

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
51.30	66.96	GABBRO								
		Halo alteration. Slightly bleached gray green to locally pink -tan weakly to moderately carbonatized fine grained gabbro.	FX224554	51.30	52.34	1.04	5	-	.825	4.774
			FX224555	52.34	53.84	1.50	3	F50	.170	5.029
			FX224556	53.84	55.40	1.56	TR	-	.065	5.130
		51.30 52.34 50% pink-brown altered gabbro especially around quartz veins.	FX224557	55.40	56.90	1.50	TR	-	.010	5.145
			FX224558	56.90	58.31	1.41	2	-	.520	5.878
		52.34 53.84 20% strongly altered in bands to 15 centimetres wide. Patchy silicified areas.	FX224559	58.31	59.81	1.50	2	-	.230	6.223
			FX224560	59.81	61.31	1.50	3	F35	.350	6.748
		53.84 55.40 Bleached around 1 thin quartz veinlet.	FX224561	61.31	62.84	1.53	TR	-	.455	7.444
		56.90 58.31 Alteration around 5 centimetre quartz carbonate vein for 15 centimetres.	FX224562	62.84	64.20	1.36	4	F45	.210	7.730
			FX224563	64.20	65.70	1.50	TR	F35	.205	8.038
		59.81 61.31 50% of section altered in bands to 15 centimetres wide.	FX224564	65.70	66.96	1.26	5	-	.285	8.397
		61.31 64.20 As above. 10% altered.								
		64.20 65.70 35% pink dolomite veins typically 5 millimetres but up to 30 centimetres wide parallel to foliation.								
		65.70 66.96 As above. Becoming more altered down hole.								
66.96	67.75	GABBRO								
		Altered. Strongly foliated rusty brown hematitized looking strongly carbonatized fine grained gabbro. 7% fine grained disseminated pyrite. 3 white quartz veins to 20 centimetres wide. Sharp lower contact.	FX224565	66.96	67.75	.79	7	-	1.020	9.203
67.75	69.10	FELDSPAR PORPHYRY								
		Medium grained to coarse grained hematitized looking red-brown to brownish white massive dike.	FX224566	67.75	69.10	1.35	3	-	.375	9.709

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
69.10	69.65	GABBRO Altered as to 67.25.	FX224567	69.10	69.65	.55	TR	F37	.205	9.822
69.65	70.28	GABBRO Halo alteration. Green chloritic to weakly hematitized and carbonatized gabbro.	FX224568	69.65	70.28	.63	TR	-	.025	9.837
70.28	70.90	GABBRO Altered. As to 67.25. Sharp lower contact at 30 degrees to core axis.	FX224569	70.28	70.90	.62	TR	F40	.140	9.924
70.90	74.56	QUARTZ PORPHYRY Fine grained to medium grained light green to purplish gray quartz porphyry dike ? This may be a phase of gabbro but is distinctly different than surrounding gabbro. Massive. Slight bleaching at occasional thin quartz vein contact. Contacts very pyritic with up to 15% for 2 centimetres. 70.90 72.40 Green gray in colour. 72.40 73.89 Purplish gray with dolomitic patches. 73.89 74.56 Chilled lower contact at 20 degrees to core axis.	FX224570 FX224571 FX224572	70.90 72.40 73.89	72.40 73.89 74.56	1.50 1.49 .67	TR TR TR	- - -	.135 .375 .070	10.127 10.685 10.732
74.56	82.10	GABBRO Halo alteration. As to 66.96. Gradational down hole to fine grained unaltered basalt.	FX224573 FX224574	74.56 76.20	76.20 77.65	1.64 1.45	TR TR	F42 F50	.560 .635	11.651 12.571

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		74.56 76.20 Quartz dolomite tourmaline vein 20 centimetres wide.	FX224575	77.65	79.08	1.43	TR	-	.095	12.707
			FX224576	79.08	80.64	1.56	TR	-	.020	12.738
		76.20 77.65 5 to 10% pink dolomite veining.	FX224577	80.64	82.10	1.46	TR	-	.015	12.760
		77.65 79.08 Becoming fine grained down hole.								
		79.08 80.64 Veins changing from dolomite to ankerite.								
		80.64 82.10 3% thin quartz carbonate veins with minor fuchsitic alteration at contacts.								
82.10	98.50	BASALT								
		Fairly homogenous fine grained dark green massive to weakly foliated basalt. Thin calcite quartz veinlets common.	FX224578	82.10	83.65	1.55	TR	-	<.005	12.760
			FX224579	83.65	85.08	1.43	TR	F50	.090	12.889
			FX224580	85.08	86.58	1.50	TR	-	<.005	12.889
			FX224581	86.58	88.00	1.42	TR	F55	<.005	12.889
			FX224582	88.00	89.56	1.56	TR	-	<.005	12.889
			FX224583	89.56	91.03	1.47	TR	-	<.005	12.889
			FX224584	91.03	92.50	1.47	TR	-	<.005	12.889
			FX224585	92.50	93.94	1.44	TR	-	<.005	12.889
			FX224586	93.94	95.48	1.54	TR	-	<.005	12.889
			FX224587	95.48	96.92	1.44	TR	-	<.005	12.889
			FX224588	96.92	98.50	1.58	TR	-	<.005	12.889
98.50	100.54	BASALT								
		Weakly altered. Bleached to yellowish-green moderately silicified , carbonatized and epidotic around several quartz carbonate veins to 10 centimetres wide.	FX224589	98.50	99.54	1.04	4	F52	.245	13.144
			FX224590	99.54	100.54	1.00	4	-	.205	13.349
100.54	131.04	BASALT								
		Fine grained to medium grained as to 98.50.	FX224591	100.54	102.11	1.57	TR	-	.015	13.372
		127.99 129.54 Quartz carbonate vein 20 centimetres wide.	FX224592	102.11	103.61	1.50	TR	-	.020	13.402

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION
131.04	144.73	GABBRO Fine grained to medium grained massive homogenous dark green gabbro with 10% white feldspars. Few thin quartz calcite veins. 143.23 144.73 Sharply gradational lower contact.

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX224593	103.61	105.16	1.55	TR	-	<.005	13.402
FX224594	105.16	106.66	1.50	TR	-	.035	13.455
FX224595	106.66	108.20	1.54	TR	-	<.005	13.455
FX224596	108.20	109.70	1.50	TR	-	<.005	13.455
FX224597	109.70	111.25	1.55	TR	-	<.005	13.455
FX224598	111.25	112.75	1.50	TR	-	<.005	13.455
FX224599	112.75	114.30	1.55	TR	-	<.005	13.455
FX224600	114.30	115.85	1.55	TR	-	<.005	13.455
FX224601	115.85	117.35	1.50	TR	-	.005	13.462
FX224602	117.35	118.85	1.50	TR	F45	.010	13.477
FX224603	118.85	120.40	1.55	TR	-	.020	13.508
FX224604	120.40	121.90	1.50	TR	-	.020	13.538
FX224605	121.90	123.44	1.54	TR	-	.040	13.600
FX224606	123.44	124.94	1.50	TR	-	.060	13.690
FX224607	124.94	126.49	1.55	TR	-	.065	13.791
FX224608	126.49	127.99	1.50	TR	-	.010	13.806
FX224609	127.99	129.54	1.55	TR	-	<.005	13.806
FX224610	129.54	131.04	1.50	TR	-	<.005	13.806
FX224611	131.04	132.59	1.55	TR	-	<.005	13.806
FX224612	132.59	134.29	1.70	TR	-	<.005	13.806
FX224613	134.29	135.72	1.43	TR	-	<.005	13.806
FX224614	135.72	137.22	1.50	TR	-	.005	13.813
FX224615	137.22	138.75	1.53	TR	-	<.005	13.813
FX224616	138.75	140.25	1.50	TR	-	.005	13.821
FX224617	140.25	141.73	1.48	TR	-	<.005	13.821
FX224618	141.73	143.23	1.50	TR	-	<.005	13.821
FX224619	143.23	144.73	1.50	TR	F55	<.005	13.821

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
144.73	163.91	BASALT								
		Fine grained to locally medium grained dark green basalt. Thin calcite quartz veins very common.	FX224620	144.73	146.20	1.47	TR	-	<.005	13.821
		152.07 153.56 Medium grained gabbroic looking.	FX224621	146.20	147.65	1.45	TR	F30	<.005	13.821
		162.42 163.91 Gradational lower contact.	FX224622	147.65	149.15	1.50	TR	-	<.005	13.821
			FX224623	149.15	150.58	1.43	TR	-	.025	13.856
			FX224624	150.58	152.07	1.49	TR	-	<.005	13.856
			FX224625	152.07	153.56	1.49	TR	-	<.005	13.856
			FX224626	153.56	155.17	1.61	TR	-	<.005	13.856
			FX224627	155.17	156.56	1.39	TR	-	.010	13.870
			FX224628	156.56	158.00	1.44	TR	F15	.015	13.892
			FX224629	158.00	159.50	1.50	TR	-	.030	13.937
			FX224630	159.50	160.92	1.42	TR	F42	<.005	13.937
			FX224631	160.92	162.42	1.50	TR	-	.075	14.049
			FX224632	162.42	163.91	1.49	TR	-	<.005	14.049
163.91	175.87	GABBRO								
		Massive dark green medium grained to coarse grained homogenous gabbro. Few fine grained basaltic looking sections.	FX224633	163.91	165.45	1.54	TR	-	<.005	14.049
		168.58 170.00 Gradational down hole to fine grained.	FX224634	165.45	166.86	1.41	TR	-	.005	14.057
		170.00 171.43 Fine grained basaltic looking. Sharply gradational down hole to medium grained.	FX224635	166.86	168.58	1.72	TR	-	<.005	14.057
		175.87 Foot of hole.	FX224636	168.58	170.00	1.42	TR	-	<.005	14.057
			FX224637	170.00	171.43	1.43	TR	-	.010	14.071
			FX224638	171.43	172.87	1.44	TR	-	<.005	14.071
			FX224639	172.87	174.56	1.69	TR	-	<.005	14.071
			FX224640	174.56	175.87	1.31	TR	-	<.005	14.071

LOCATION MAP
BORE HOLE 70467-0
DRILLED ON CLAIM K 589479
AREA OF HLRONRY LAKE (G-2621)
SCALE 1:5000

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	: Fort Knox JV	LATITUDE	:N 9530.0 M	NTS SHEET #	: 52-F-4	STARTED	: 02-08-87
PROPERTY	: Penn	DEPARTURE	:E 9300.0 M	TOWNSHIP	:	COMPLETED	: 02-10-87
BOREHOLE	: 70462-0	ELEVATION	: 1371.2 M	PROVINCE	: Ontario	MEASUREMENTS	: M
AZIMUTH	: 175.0	EL AZIMUTH	: 085	COUNTRY	: Canada	DRILLED BY	: Ultramobile
DIP	: -45.0	GRID BEARING	:	CLAIM #	: K589479	DRILL TYPE	: Hydra-Core 28
DEPTH	: 164.9 M	LOGGED BY	: R. Ball	GRID NAME	:	TEST METHOD	: Acid
				CORE SIZE	: BQWL	ASSAYED FOR	: Au

COMMENTS : Collar is 50 m E and 170 m S of number 4 post.
Hole stopped because drill at depth capacity.
LEFT IN HOLE:3.05 m BW casing

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
7.62		-44.50	60.96		-42.50	123.75		-40.50	155.10		-39.00

**********DESCRIPTION**********

FROM M	TO M	DESCRIPTION
.00	2.75	GABBRO B casing in gb bedrock. Core not saved from surface to 2.75.
2.75	13.36	GABBRO Fine grained to medium grained dark green weakly foliated moderately to strongly magnetic gabbro. 1 to 3 % magnetite crystals locally rimmed by pyrite. 2.75 3.05 B core. 4.76 5.08 Several milky white quartz veins with minor carbonate patches to 1 centimetre wide. Veins at various core angles. Contacts silicified and bleached to light gray for 1 to 3

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*N
FX224101	2.75	3.05	.30	3	F42	.050	.015
FX224102	3.05	4.76	1.71	TR	F40	.040	.083
FX224103	4.76	5.08	.32	3	-	.350	.195
FX224104	5.08	6.40	1.32	TR	-	.115	.347
FX224105	6.40	7.90	1.50	TR	-	<.005	.347
FX224106	7.90	9.45	1.55	TR	-	<.005	.347
FX224107	9.45	10.86	1.41	TR	F32	.010	.361
FX224108	10.86	12.34	1.48	TR	-	<.005	.361

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR AAG	AU PPM	PPM*M
		centimetres and contain 10% pyrite.	FX224109	12.34	13.36	1.02	TR	C45	.030	.392
		5.08 6.40 Becoming less magnetic to non-magnetic down hole. Oxidized pyritic fracture at 6.00.								
		10.86 12.34 Contorted 15 millimetre carbonate quartz vein at 11.67.								
		12.34 13.36 10% medium grained leucoxene.								
13.36	14.54	GABBRO								
		Altered. Fine grained light green to gray bleached gabbro. foliation becoming stronger. Weakly to moderately carbonatized. Sharp lower contact.	FX224110	13.36	14.54	1.18	TR	F35	.010	.404
14.54	15.04	VEIN								
		Predominantly contorted carbonate quartz veining with carbonatized or chloritic gabbro inclusions. Thin black veinlets chlorite or tourmaline.	FX224111	14.54	15.04	.50	3	-	1.900	1.354
15.04	16.76	GABBRO								
		Altered. Weakly to moderately carbonatized gray fine grained to medium grained gabbro cut by several quartz veinlets rimmed by carbonate.	FX224112	15.04	15.81	.77	TR	-	.240	1.539
			FX224113	15.81	16.76	.95	TR	F40	.005	1.543
16.76	17.11	VEIN								
		Predominantly carbonate quartz veining with diffuse bleached silicified carbonatized contacts.	FX224114	16.76	17.11	.35	TR	C50	.275	1.640
17.11	21.00	GABBRO								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR AND	AU PPM	PPM*M
		Altered. Light gray bleached silicified carbonatized gabbro. 20 to 25% carbonate. Cut by irregular quartz carbonate veins with minor tourmaline.	FX224115	17.11	17.50	.39	7	F38	.445	1.813
		17.11 17.50 5 to 8% pyrite as fine grained to medium grained cubes.	FX224116	17.50	18.59	1.09	TR	F38	.130	1.955
		17.50 18.59 Quartz carbonate vein from 17.79 to 17.92.	FX224117	18.59	19.36	.77	TR	-	.245	2.143
		Few irregular thin quartz carbonate veins with fine tourmaline crystals typically at quartz carbonate contacts.	FX224118	19.36	21.00	1.64	TR	-	.110	2.324
21.00	21.57	VEIN								
		Predominantly brecciated carbonate quartz veining with few chlorite tourmaline pyrite veinlets. At 21.20 a 10 centimetre inclusion of carbonatized weakly fucheitic gabbro.	FX224119	21.00	21.57	.57	TR	-	.105	2.384
21.57	22.36	GABBRO								
		Altered. Most altered section seen in hole to date. Moderately foliated (sheared)? carbonatized silicified sericitized gabbro. Pale gray to pale lime green cut by irregular quartz carbonate veins, with minor tourmaline. Rusty oxidized fracture at 21.80.	FX224120	21.57	22.36	.79	3	F40	.980	3.158
22.36	25.35	VEIN								
		Brecciated quartz-carbonate veining. Angular carbonate fragments from mm size to 5 cm. Numerous thin chlorite and locally tourmaline veinlets..	FX224121	22.36	23.60	1.24	TR	-	.060	3.232
		23.60 24.22 As above. Veins obviously folded. Inclusions of highly altered gabbro with 5-10% pyrite.	FX224122	23.60	24.22	.62	5	F45	1.650	4.255
			FX224123	24.22	25.35	1.13	3	F45	1.190	5.600

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		Apparent axes of folds parallel to foliation of gabbro at 45. Minor stylolites..								
	24.22 25.35	Approximately 50:50 vein and highly altered pale gray gabbro. Strongly foliated. Carbonate-quartz-pyrite-sericite vein with minor tourmaline at 45 degrees to core axis..								
25.35	29.16	GABBRO								
		Halo alteration. Light green to dark gray medium grained weakly to moderately carbonatized and silicified. Alteration decreasing down hole. Numerous carbonate quartz veinlets to 1.5 centimetre at various core angles	FX224124	25.35	27.14	1.79	2	F45	.285	6.110
			FX224125	27.14	28.10	.96	TR	F40	.015	6.125
			FX224126	28.10	29.16	1.06	TR	-	.050	6.178
	27.14 28.10	Very weakly altered. 3.5 centimetre quartz carbonate tourmaline vein at 27.63.								
	28.10 29.16	Gradational lower contact.								
29.16	55.66	GABBRO								
		Fine grained to medium grained dark green fairly homogenous gabbro. Locally weakly magnetic. Thin calcite veins common and occasional quartz veinlet. Locally to 10% calcite rhombs making rock highly calcareous.	FX224127	29.16	29.72	.56	TR	-	.010	6.183
			FX224127	29.72	30.78	1.06	TR	-	.010	6.194
			FX224128	30.78	32.28	1.50	TR	-	.005	6.201
			FX224129	32.28	33.83	1.55	TR	-	.015	6.224
	41.76 42.66	Pitted from dissolution of water soluble mineral- possibly calcite filled anygdules. At 42.38 a thin carbonate quartz veinlet at 30 degrees to core axis with 5% pyrite for 1-2 cm into wallrock. Sharply gradational lower contact cut by thin quartz vein with 5 % pyrite..	FX224130	33.83	35.42	1.59	TR	F45	.015	6.248
			FX224131	35.42	36.88	1.46	TR	-	.015	6.270
			FX224132	36.88	38.38	1.50	TR	-	.015	6.293
			FX224133	38.38	39.93	1.55	TR	-	.005	6.300
			FX224134	39.93	41.76	1.83	TR	-	.010	6.319
			FX224135	41.76	42.66	.90	3	-	.185	6.485
			FX224136	42.66	43.27	.61	4	F45	.095	6.543
	42.66 43.27	Thin quartz veinlet subparallel to core axis with pyritic contacts.	FX224137	43.27	45.68	2.41	TR	-	.110	6.808
			FX224138	45.68	46.16	.48	TR	-	.010	6.813

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
			FX224139	46.16	47.84	1.68	TR	-	.010	6.830
			FX224140	47.84	49.49	1.65	TR	-	.010	6.846
			FX224141	49.49	51.22	1.73	TR	-	<.005	6.846
			FX224142	51.22	52.79	1.57	TR	-	.010	6.862
			FX224143	52.79	54.47	1.68	TR	F50	<.005	6.862
			FX224144	54.47	55.66	1.19	TR	-	.085	6.963
55.66	55.92	VEIN Predominantly irregular carbonate quartz veining with 4% pyrite.	FX224145	55.66	55.92	.26	4	-	.370	7.059
55.92	57.64	GABBRO As to 55.66. Quartz gabbro.	FX224146	55.92	57.64	1.72	TR	C50	.200	7.403
57.64	57.93	VEIN Milky white quartz vein. Sharp lower contact at 50.	FX224147	57.64	57.93	.29	TR	C30	.035	7.414
57.93	66.10	GABBRO Fine grained dark green massive to weakly foliated gabbro with numerous quartz calcite veinlets. 66.00 66.10 Aphanitic to fine grained chloritic chilled gabbro or siltstone ?.	FX224148	57.93	60.00	2.07	TR	F48	.005	7.424
			FX224149	60.00	61.59	1.59	TR	-	.005	7.432
			FX224150	61.59	63.03	1.44	TR	F45	.005	7.439
			FX224151	63.03	64.31	1.28	2	-	.035	7.484
			FX224152	64.31	66.00	1.69	TR	C50	.015	7.509
			FX224153	66.00	66.10	.10	TR	-	.030	7.512
66.10	69.86	GABBRO Halo alteration. Fine grained to medium grained quartz	FX224153	66.10	66.85	.75	2	-	.030	7.535

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		gabbro. Light gray weakly to moderately foliated and carbonatized, alteration increasing downhole.	FX224154	66.85	68.34	1.49	4	F48	.180	7.803
		66.10 66.85 9 centimetres of quartz carbonate veining with silicified pyritic gabbro at 66.10.	FX224155	68.34	69.86	1.52	TR	F40	.035	7.856
		66.85 68.34 Diffuse silicification around thin quartz veinlets.								
		68.34 69.86 Foliation so strong that rock has a tuffaceous appeaarance.								
69.86	73.22	GABBRO								
		Altered. Foliation gives a finely laminated appearance.	FX224156	69.86	70.26	.40	TR	F45	.005	7.858
		Fine grained pale gray to green carbonatized silicified	FX224157	70.26	71.15	.89	TR	F42	<.005	7.858
		gabbro.	FX224158	71.15	71.86	.71	TR	-	.280	8.057
		69.86 70.26 1 to 3 centimetre pinkish gray dolomite veins common parallel to core axis. locally weakly fuchsitic.	FX224159	71.86	73.22	1.36	2	-	.275	8.431
		70.26 71.15 Mylonitized appearance..								
		71.15 71.86 Large boudinaged dolomite veins giving clast appearance. Irregular brecciated quartz carbonate tourmaline vein at lower contact.								
		71.86 73.22 Predominantly finely laminated fuchsitic sericitized rock riddled with brecciated cross cutting boudinaged carbonate dolomite tourmaline veins. Oxidized fracture at 72.50.								
73.22	74.22	VEIN								
		Predominantly brecciated boudinaged carbonate dolomite quartz chlorite tourmaline veining. About 30% chloritic to fuchsitic strongly foliated gabbro inclusions.	FX224160	73.22	74.22	1.00	TR	F40	.115	8.546

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
74.22	76.35	GABBRO								
		Altered. Strongly foliated weakly carbonatized light gray green gabbro. Thin dolomite and quartz carbonate veins common.	FX224161	74.22	75.11	.89	TR	F48	<.005	8.546
			FX224162	75.11	76.35	1.24	TR	F30	.010	8.558
		75.11 76.35 Few stringers of lime green fuchsite alteration. Gradational lower contact.								
76.35	83.86	GABBRO								
		Halo alteration. Fine grained to medium grained light gray to light green weakly to moderately carbonatized gabbro. Irregular thin quartz carbonate veinlets common.	FX224163	76.35	77.72	1.37	TR	F45	<.005	8.558
			FX224164	77.72	78.93	1.21	TR	-	.010	8.570
			FX224165	78.93	80.36	1.43	4	F45	.115	8.735
		77.72 78.93 Lime green fuchsitic alteration common at contacts to frequent quartz veinlets.	FX224166	80.36	81.86	1.50	4	-	.795	9.927
			FX224167	81.86	83.86	2.00	4	F50	.575	11.077
		78.93 80.36 As above. Veins typically subparallel to core axis.								
83.86	130.55	GABBRO								
		81.86 83.86 Carbonate alteration decreasing downhole. 7 centimetre quartz carbonate vein at 83.52	FX224168	83.86	85.34	1.48	TR	-	.020	11.107
			FX224169	85.34	86.80	1.46	TR	-	.010	11.122
		Fine grained to medium grained mid-green fairly homogeneous quartz gabbro which varies in appearance and texture from a basalt to a diorite or gabbro. Calcite quartz carbonate veinlets common.	FX224170	86.80	88.08	1.28	TR	C45	.045	11.179
			FX224171	88.08	89.91	1.83	TR	-	.145	11.445
			FX224172	89.91	91.44	1.53	TR	-	.005	11.452
			FX224173	91.44	93.08	1.64	TR	-	.005	11.460
			FX224174	93.08	94.49	1.41	TR	-	.005	11.467
		89.91 91.44 Gash type quartz carbonate veins from.5 to 1.5 centimetres common. Feldspars saussuritized.	FX224175	94.49	95.90	1.41	TR	-	<.005	11.467
			FX224176	95.90	97.54	1.64	TR	-	.045	11.541
			FX224177	97.54	99.27	1.73	TR	-	<.005	11.541
		93.08 94.49 More dioritic looking. 7 centimetre dolomite quartz vein at 53 degrees to core axis at	FX224178	99.27	100.58	1.31	TR	-	<.005	11.541
			FX224179	100.58	102.06	1.48	TR	-	<.005	11.541

**********DESCRIPTION**********

FROM M	TO M	
		94.05.
109.37	111.23	Numerous dolomite carbonate quartz veinlets. Wallrock silicified and fuchsitic at contacts.
111.23	112.78	As above. 4 centimetre quartz vein with speck of chalcopyrite.
112.78	114.30	8 centimetre quartz carbonate chlorite tourmaline vein at end of entry.
114.30	117.35	Bash type quartz veins common.
116.85	120.40	Contacts to narrow quartz veinlets fuchsitic and silicified.
123.44	124.94	Few ptygmatic dolomite carbonate veins.
124.94	130.55	Dioritic looking. Fine grained to medium grained.
130.55	135.91	GABBRO
		Halo alteration. Fine grained moderately carbonatized and silicified weally fuchsitic gabbro cut by numerous thin quartz carbonate veins. Alteration increasing down hole.
130.55	131.43	Numerous brecciated contorted dolomite carbonate quartz tourmaline veins. Locally fuchsitic.
131.43	131.95	Very fine grained to fine grained tan-brown highly siliceous carbonatized highly irregular inclusions of altered volcanic

**********ANALYSES**********

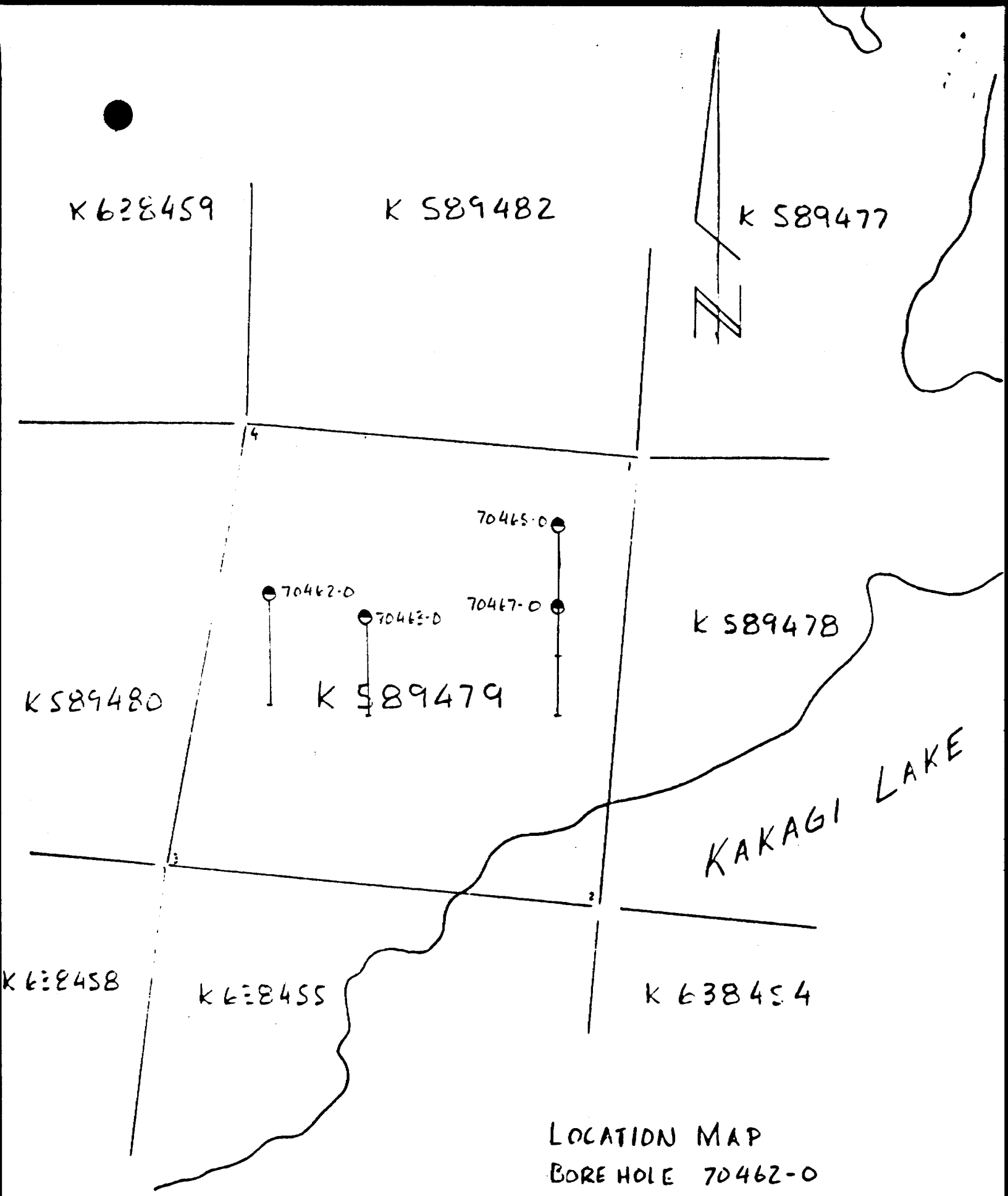
SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX224180	102.06	103.63	1.57	TR	-	<.005	11.541
FX224181	103.63	105.13	1.50	TR	-	<.005	11.541
FX224182	105.13	106.68	1.55	TR	-	.010	11.557
FX224183	106.68	108.05	1.37	TR	-	.005	11.564
FX224184	108.05	109.37	1.32	TR	-	<.005	11.564
FX224185	109.37	111.23	1.86	TR	F45	<.005	11.564
FX224186	111.23	112.78	1.55	TR	-	<.005	11.564
FX224187	112.78	114.30	1.52	TR	-	<.005	11.564
FX224188	114.30	115.80	1.50	TR	-	<.005	11.564
FX224189	115.80	117.35	1.55	TR	-	<.005	11.564
FX224190	117.35	118.85	1.50	TR	-	.020	11.594
FX224191	118.85	120.40	1.55	TR	-	.010	11.609
FX224192	120.40	121.96	1.56	TR	-	.040	11.672
FX224193	121.96	123.44	1.48	TR	-	.135	11.871
FX224194	123.44	124.94	1.50	2	-	.060	11.961
FX224195	124.94	126.49	1.55	TR	F45	.065	12.062
FX224196	126.49	128.10	1.61	TR	F48	.005	12.070
FX224197	128.10	129.54	1.44	TR	-	<.005	12.070
FX224198	129.54	130.55	1.01	TR	-	<.005	12.070
FX224199	130.55	131.43	.88	3	-	2.810	14.543
FX224200	131.43	131.95	.52	3	-	3.960	16.602
FX224201	131.95	133.30	1.35	3	-	.055	16.676
FX224202	133.30	134.53	1.23	TR	-	.050	16.738
FX224203	134.53	135.91	1.38	TR	-	.020	16.765

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		or sediment within fine grained weakly fuchsitic gabbro cut by thin quartz carbonate veins.								
		131.95 133.30 Moderately carbonatized gabbro to quartz gabbro riddled with open-space filling carbonate patches and dolomite ankerite quartz veins. Locally fuchsitic around veins. 5% tan-yellow leucoxene.								
		133.30 134.53 Diffuse wispy patches of fuchsite alteration at both top and bottom of sample, seemingly concentrated around quartz veins. Two 3 centimetre and one 5 centimetre quartz carbonate veins between 134.17 and 134.41..								
		134.53 135.91 Rusty oxidized fracture at 135.30. Abundant tourmaline needles in thin quartz vein.								
135.91	139.66	GABBRO								
		Fuchsitic. Bright apple to emerald green strongly fuchsitic massive gabbro to quartz gabbro. Numerous irregular quartz carbonate veins with minor tourmaline. 7% leucoxene. Irregular lower contact.	FX224204	135.91	137.80	1.89	TR	F55	.025	16.813
			FX224205	137.80	139.66	1.86	TR	-	<.005	16.813
139.66	142.45	GABBRO								
		Altered. Weakly carbonatized and silicified light gray to green fine grained to medium grained quartz gabbro to diorite. 10% pale yellow to tan leucoxene. Few thin quartz carbonate veins.	FX224206	139.66	141.15	1.49	TR	F45	.005	16.820
			FX224207	141.15	142.45	1.30	TR	-	.130	16.989
		141.15 142.45 2 centimetre quartz vein at 15 to 20								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		degrees to core axis at 141.73.								
142.45	143.96	GABBRO Fuchsitic. Varies from gabbro as above to strongly fuchsitic. Alteration most intense around larger quartz carbonate veins. Sharply gradational lower contact.	FX224208	142.45	143.96	1.51	TR	F45	.010	17.004
143.96	145.02	GABBRO As to 142.45.	FX224209	143.96	145.02	1.06	TR	-	<.005	17.004
145.02	149.95	GABBRO Fuchsitic. Strongly fuchsitic bright emerald green medium grained quartz gabbro. 10 to 15% leucoxene. Few older dolomite quartz carbonate veins at 48 degrees cut by younger tourmaline- bearing quartz veins. 146.27 147.44 35% quartz carbonate dolomite veining locally brecciated. 147.44 149.25 As above. 10% veining.	FX224210 FX224211 FX224212 FX224213	145.02 146.27 147.44 149.25	146.27 147.44 149.25 149.95	1.25 1.17 1.81 .70	TR TR TR TR	F48 - - C35	.025 .010 <.005 .025	17.035 17.047 17.047 17.065
149.95	150.43	VEIN Milky white fractured quartz vein. 3 to 5 millimetre rim of ankerite and dolomite at contacts. Sharp lower contact 35 degrees.	FX224214	149.95	150.43	.48	TR	C35	.005	17.067
150.43	152.32	GABBRO Fuchsitic. Moderately to strongly fuchsitic quartz gabbro with 10 15% leucoxene. 10% veining.	FX224215 FX224216	150.43 151.28	151.28 152.32	.85 1.04	TR TR	- C50	.025 .100	17.088 17.192

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU FPM	PPM*M
		151.28 152.32 As above. 20 centimetre quartz vein at top of sample. 1 to 3 centimetre older carbonate vein runs parallel to core axis entire length of sample, cut by younger large quartz veins to 20 centimetres. Fine accicular tourmaline needles in quartz veins. last 10 centimetre of gabbro contains 7% pyrite. Sharp lower contact 50 degrees.								
152.32	152.89	VEIN 80% Fractured tourmaline-bearing quartz vein. 20% fuchsitic gabbro.	FX224217	152.32	152.89	.57	TR	-	.010	17.198
152.89	153.42	GABBRO Fuchsitic. 20 to 25% veining.	FX224218	152.89	153.42	.53	TR	-	.055	17.227
153.42	155.79	VEIN Fractured white quartz with 2% acicular needles of tourmaline and numerous inclusion of fuchsitic to hematitic gabbro cutting intensely brecciated quartz carbonate veining.	FX224219 FX224220	153.42 154.85	154.85 155.79	1.43 .94	TR TR	- -	.015 <.005	17.249 17.249
155.79	156.24	GABBRO Fuchsitic. 25% quartz carbonate veining. Sharp lower contact 45.	FX224221	155.79	156.24	.45	TR	C45	.015	17.255

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU FPM	PPM*M
156.24	157.45	VEIN As to 155.79. Sharp lower contact 15 degrees to core axis	FX224222	156.24	157.45	1.21	TR	C15	<.005	17.255
157.45	158.48	GABBRO Fuchsitic. Moderately to strongly fuchsitic quartz gabbro with 10% leucoxene. Well pronounced foliation. 10 to 15% veining.	FX224223	157.45	158.48	1.03	TR	F37	.015	17.271
158.48	159.30	VEIN 75% Brecciated quartz carbonate vein running subparallel to core axis.	FX224224	158.48	159.30	.82	TR	-	.005	17.275
159.30	163.94	GABBRO Fuchsitic as before.	FX224225	159.30	161.02	1.72	TR	F40	.015	17.301
		159.30 161.02 Younger smokey quartz vein cutting older carb veins.	FX224226	161.02	162.54	1.52	TR	-	.020	17.331
		161.02 162.54 20% veining. Hematitized quartz vein at 15 degrees to core axis at 161.55.	FX224227	162.54	163.94	1.40	TR	F38	.010	17.345
		162.54 163.94 25% veining. Sharp lower contact 40.								
163.94	164.90	VEIN 60% Brecciated quartz carbonate dolomite chlorite tourmaline vein. 40% emerald green fuchsitic quartz gabbro with 10% leucoxene. Numerous acicular tourmaline needles. Foot of hole.	FX224228	163.94	164.90	.96	TR	-	<.005	17.345



LOCATION MAP
BORE HOLE 70462-0
DRILLED ON CLAIM K 589479
AREA OF HEPONRY LAKE (G-2621)
SCALE 1:5000

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	: Fort Knox JV	LATITUDE	:N 9500.0 M	NTS SHEET #	: 52-F-4	STARTED	: 02-11-87
PROPERTY	: Penn	DEPARTURE	:E 9400.0 M	TOWNSHIP	:	COMPLETED	: 02-14-87
BOREHOLE	: BH 70463-0	ELEVATION	: 1353.5 M	PROVINCE	: Ontario	MEASUREMENTS	: M
AZIMUTH	: 175.0	BL AZIMUTH	: 085	COUNTRY	: Canada	DRILLED BY	: Ultramobile
DIP	: -50.0	GRID BEARING	:	CLAIM #	: K589479	DRILL TYPE	: Hydracore 2B
DEPTH	: 177.1 M	LOGGED BY	: R. Bell	GRID NAME	:	TEST METHOD	: Acid
				CORE SIZE	: BQWL	ASSAYED FOR	: Gold

COMMENTS : Collar is 270 m W and 185 m S of number one post.

LEFT IN HOLE:12.19 m BW casing

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
11.58		-50.00	60.96		-48.00	123.75		-44.00	177.09		-43.50

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	**********ANALYSES********** AU PPM	PPM*M
.00	11.58	OVERBURDEN Casing through boulders and gravel.								
11.58	15.21	GABBRO Fine grained to medium grained massive homogeneous dark green gabbro with few calcite veinlets. Locally weakly magnetic decreasing down hole. Minor leucoxene. Top 120 centimetres pitted. Sharp lower contact at 55 degrees.	FX224229 FX224230	11.58 13.33	13.33 15.21	1.75 1.88	TR TR	- C55	<.005 <.005	.000 .000
15.21	16.70	DIORITE Dark gray medium grained homogeneous dioritic phase of gabbro. Sharp lower contact cut by quartz vein.	FX224231	15.21	16.70	1.49	TR	-	<.005	.000

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
16.70	18.77	GABBRO								
		As to 15.21.	FX224232	16.70	17.90	1.20	2	-	.095	.114
		16.70 17.90 Bottom of sample cut by 4 centimetre irregular quartz carbonate leucoxene vein with 10% coarse grained subhedral pyrite.	FX224233	17.90	18.77	.87	5	C45	.015	.127
		17.90 18.77 Locally feldspar porphyritic. Cut by 5 thin quartz veins. Total 10% veining. 5% disseminated medium grained to coarse grained subhedral pyrite. Sharp lower contact								
18.77	19.12	VEIN								
		White quartz vein with minor chloritic stringers. Few specks pyrite. Sharp lower contact at 65 degrees to core axis.	FX224234	18.77	19.12	.35	TR	C65	.025	.136
19.12	42.17	GABBRO								
		As to 15.21.	FX224235	19.12	20.60	1.48	TR	-	.005	.143
		23.89 25.03 Few minor quartz carbonate veins. Gabbro bleached and silicified at contacts for 2 to 4 centimetres. 5% subhedral pyrite.	FX224236	20.60	22.14	1.54	TR	-	<.005	.143
			FX224237	22.14	23.89	1.75	TR	-	<.005	.143
			FX224238	23.89	25.03	1.14	5	-	.030	.177
		26.58 28.10 Pitted surface..	FX224239	25.03	26.58	1.55	TR	-	<.005	.177
		29.55 31.04 Bleached silicified alteration around thin quartz veinlet for 4 centimetres.	FX224240	26.58	28.10	1.52	TR	-	<.005	.177
			FX224241	28.10	29.55	1.45	TR	-	<.005	.177
		32.55 34.67 Few thin quartz veins with minor wallrock alteration.	FX224242	29.55	31.04	1.49	TR	-	.070	.282
			FX224243	31.04	32.55	1.51	TR	-	.005	.289
		34.67 35.84 Several quartz carbonate veins with alteration to 15 centimetres wide. 15% veining.	FX224244	32.55	34.67	2.12	2	-	.025	.342
			FX224245	34.67	35.84	1.17	5	-	.200	.576
			FX224246	35.84	37.37	1.53	TR	-	.015	.599

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		35.84 37.37 Coarse grained more dioritic looking..	FX224247	37.37	38.60	1.23	5	-	.025	.630
		37.37 38.60 Cut by older fine grained carbonate quartz	FX224248	38.60	40.25	1.65	3	F38	.035	.688
		veins which are cut by younger white to	FX224249	40.25	42.17	1.92	4	F44	.195	1.062
		translucent quartz veins. 20% veining.								
		38.60 40.25 15% veining as to 38.60.								
		40.25 42.17 16 centimetre quartz vein at 65 degrees to core axis. Foliation becoming more pronounced..								
42.17	45.54	GABBRO								
		Halo alteration. Weakly carbonatized slightly bleached	FX224250	42.17	43.68	1.51	3	F35	.100	1.213
		to dark gray fine grained to medium grained gabbro.	FX224251	43.68	45.54	1.86	TR	F40	<.005	1.213
		42.17 43.68 Strongly silicified and carbonatized around 2 thin quartz carbonate veins.								
45.54	47.50	GABBRO								
		Altered. Bleached to pale gray. Pervasive carbonate and	FX224252	45.54	46.52	.98	10	-	.475	1.679
		silica alteration especially around thin quartz veins.	FX224253	46.52	47.50	.98	8	-	.275	1.948
		10% veining.								
47.50	50.41	GABBRO								
		Halo alteration. As to 45.54. Moderately to strongly	FX224254	47.50	48.85	1.35	2	F40	.010	1.962
		carbonatized. Darker gray than altered gabbro above.	FX224255	48.85	50.41	1.56	5	-	.035	2.016
		47.50 48.85 5 centimetre quartz vein.								
		48.85 50.41 10% quartz carbonate veining.								
50.41	51.71	GABBRO								
		Altered. Highly silicified carbonatized bleached gabbro	FX224256	50.41	51.71	1.30	10	-	.350	2.471

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		cut by large quartz carbonate veins to 40 centimetres wide. 10% pyrite mostly in gabbro but also disseminated in veins.								
51.71	52.81	VEIN White quartz vein with large patches of carbonate. Minor pyrite and tourmaline. Few pyritic gabbro inclusions.	FX224257	51.71	52.81	1.10	5	-	.255	2.752
52.81	55.25	GABBRO Altered. Chloritic silicified carbonatized gabbro with numerous quartz carbonate veins. Green to bleached gray. 54.07 55.25 Few wispy inclusions of very pale weakly fuchsitic gabbro. Gabbro maintains foliation despite being cut by numerous veins	FX224258 FX224259	52.81 54.07	54.07 55.25	1.26 1.18	8 8	F40 F45	.390 .610	3.243 3.963
55.25	56.14	VEIN As to 52.81. Patches and needles of tourmaline..	FX224260	55.25	56.14	.89	8	-	.220	4.159
56.14	56.47	GABBRO Altered. As to 51.71.	FX224261	56.14	56.47	.33	8	-	.240	4.238
56.47	57.20	VEIN Predominantly quartz carbonate vein with numerous irregular inclusions of altered gabbro. Few stylolites..	FX224261	56.47	57.20	.73	8	-	.240	4.413
57.20	58.74	GABBRO								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		Halo alteration. Dark green to dark gray fine grained moderately silicified gabbro. Numerous thin quartz carbonate veins at various core angles, predominantly at 35 degrees to core axis.	FX224262	57.20	58.74	1.54	4	F30	.105	4.575
58.74	65.70	GABBRO								
		Dark green to gray fine grained to medium grained weakly silicified and carbonatized gabbro.	FX224263	58.74	59.74	1.00	3	-	.125	4.700
			FX224264	59.74	61.27	1.53	3	-	.330	5.205
		58.74 59.74 50% quartz carbonate veins.	FX224265	61.27	62.17	.90	4	-	.225	5.407
		59.74 61.27 35% veining. Few stylolites.	FX224266	62.17	63.50	1.33	4	F40	.250	5.740
		61.27 62.17 40% veining.	FX224267	63.50	65.70	2.20	TR	F35	.030	5.806
		62.17 63.50 20% veining. Altered strongly at vein contacts.								
		63.50 65.70 Fine grained basaltic looking. Few thin quartz veins.								
65.70	66.12	VEIN								
		Predominantly white quartz vein with tourmaline patches. Last 15 centimetres silicified carbonatized gabbro cut by thin quartz veins. Weakly fuchsitic.	FX224268	65.70	66.12	.42	TR	-	.030	5.818
66.12	67.12	GABBRO								
		Parallel zones of tan to buff carbonatized gabbro for 30 centimetres. Diffuse cross-cutting irregular lower contact.	FX224269	66.12	67.12	1.00	TR	F35	.040	5.858
67.12	67.57	GABBRO								
		Altered. Buff highly silicified carbonatized aphanitic	FX224270	67.12	67.57	.45	7	C35	.455	6.063

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		gabbro. Sharp lower contact.								
67.57	75.70	GABBRO								
		Dark green fine grained to locally medium grained basaltic looking gabbro with minor quartz carbonate tourmaline veining.	FX224271	67.57	69.45	1.88	TR	F40	.015	6.091
			FX224272	69.45	70.80	1.35	TR	-	.010	6.105
			FX224273	70.80	71.93	1.13	TR	-	.005	6.110
		69.45 71.93 Veining folded with fold axes at 35 degrees to core axis.	FX224274	71.93	73.43	1.50	TR	-	.010	6.125
			FX224275	73.43	74.98	1.55	TR	F35	.020	6.156
			FX224276	74.98	75.70	.72	TR	F38	.010	6.164
75.70	76.60	VEIN								
		Predominantly irregular quartz carbonate veining. Few wispy patches of fine grained weakly fuchsitic gabbro.	FX224277	75.70	76.60	.90	TR	-	<.005	6.164
76.60	102.41	GABBRO								
		Fairly homogeneous moderately foliated mid gray weakly silicified? fine grained to medium grained gabbro cut by irregular quartz carbonate dolomite veins.	FX224278	76.60	78.03	1.43	TR	-	.015	6.185
			FX224279	78.03	79.53	1.50	TR	-	<.005	6.185
			FX224280	79.53	81.08	1.55	TR	-	.005	6.193
		79.53 81.08 Minor tourmaline in thin quartz veins.	FX224281	81.08	82.58	1.50	TR	F35	<.005	6.193
		81.08 82.58 Minor stretched patches or eyes of silicification.	FX224282	82.58	84.12	1.54	TR	-	.025	6.231
			FX224283	84.12	85.62	1.50	TR	-	<.005	6.231
		82.58 84.12 10% veins and patches of dolomitic veining.	FX224284	85.62	87.17	1.55	TR	-	.010	6.247
		85.62 87.17 Two 5 centimetre quartz dolomite carbonate veins.	FX224285	87.17	88.50	1.33	TR	-	.010	6.260
			FX224286	88.50	89.76	1.26	TR	-	.005	6.266
		91.52 93.46 Abundant pink to orange dololmitic veins and patches parallel to foliation at 30 degrees to core axis.	FX224287	89.76	90.22	.46	3	-	<.005	6.266
			FX224288	90.22	91.52	1.30	TR	-	.005	6.273
			FX224289	91.52	93.46	1.94	TR	F30	<.005	6.273
			FX224290	93.46	94.77	1.31	TR	-	<.005	6.273
			FX224291	94.77	96.32	1.55	TR	-	<.005	6.273

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
			FX224292	96.32	97.82	1.50	TR	-	<.005	6.273
			FX224293	97.82	99.36	1.54	TR	-	<.005	6.273
			FX224294	99.36	100.86	1.50	TR	-	.005	6.280
			FX224295	100.86	102.41	1.55	TR	-	<.005	6.280
102.41	110.79	GABBRO								
		Dark gray fine grained to medium grained weakly foliated	FX224296	102.41	104.15	1.74	TR	-	.005	6.289
		weakly carbonatized gabbro with numerous pink to orange	FX224297	104.15	106.26	2.11	TR	-	<.005	6.289
		carbonate dolomite veinlets typically parallel to	FX224298	106.26	107.58	1.32	TR	F35	<.005	6.289
		foliation. Occasional 1 to 4 centimetre quartz carbonate	FX224299	107.58	109.00	1.42	TR	-	.030	6.332
		dolomite tourmaline veins with minor coarse grained	FX224300	109.00	110.79	1.79	TR	F25	.205	6.699
		pyrite.								
		109.00 110.79 Sharp lower contact to vein at 68 degrees to core axis.								
110.79	111.71	VEIN								
		Predominantly brecciated orange to pink carbonate	FX224301	110.79	111.71	.92	2	-	.105	6.795
		dolomite vein with stylolites.								
111.71	116.58	GABBRO								
		As to 110.79.	FX224302	111.71	113.05	1.34	TR	-	.030	6.835
		113.05 116.58 3 to 4% medium grained to coarse grained	FX224303	113.05	114.60	1.55	3	-	.220	7.176
		pyrite.	FX224304	114.60	116.58	1.98	4	-	.220	7.612
116.58	117.50	GABBRO								
		Halo alteration. Dark gray green fine grained weakly to	FX224305	116.58	117.50	.92	5	-	.500	8.072
		moderately carbonatized and silicified. Several quartz								
		carbonate veins. 5% coarse grained to very coarse								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		grained pyrite.								
117.50	118.00	VEIN								
		Predominantly quartz carbonate vein with irregular altered inclusions. 3 to 5% fine grained to very coarse grained pyrite.	FX224306	117.50	118.00	.50	4	-	.180	8.162
118.00	121.10	GABBRO								
		Altered. Fine grained bleached pale gray to buff silicified carbonatized gabbro with numerous irregular quartz carbonate veins. 7 to 10% fine grained to very coarse grained pyrite.	FX224307	118.00	118.83	.83	8	-	.600	8.660
			FX224308	118.83	120.33	1.50	7	F35	.430	9.305
			FX224309	120.33	121.10	.77	10	F50	2.440	11.184
		118.83 120.33 Not quite as altered. Large quartz carbonate veins to 20 centimetres.								
		120.33 121.10 Sharp lower contact to rainbow zone at 50 degrees to core axis.								
121.10	148.57	GABBRO								
		Altered- the rainbow zone as per BH70452. Dusty pink gray fine grained to medium grained pervasively carbonatized weakly foliated to massive quartz gabbro. 40% disseminated carbonate. 1 to 3% fine grained to very coarse grained disseminated pyrite. Occasional thin quartz carbonate vein with pyritic contacts.	FX224310	121.10	122.83	1.73	3	-	.280	11.668
			FX224311	122.83	124.33	1.50	TR	-	.145	11.886
			FX224312	124.33	125.75	1.42	TR	-	.065	12.006
			FX224313	125.75	127.25	1.50	TR	-	.050	12.081
			FX224314	127.25	128.59	1.34	TR	-	<.005	12.081
			FX224315	128.59	129.75	1.16	TR	-	<.005	12.081
			FX224316	129.75	130.70	.95	TR	F35	.015	12.096
		121.10 122.83 Foliation parallel to core axis at upper contact.	FX224317	130.70	131.95	1.25	TR	-	.005	12.102
			FX224318	131.95	132.40	.45	TR	F38	.005	12.104
		128.59 133.53 Brick pink to pinkish gray green fine grained weakly foliated quartz gabbro.	FX224319	132.40	133.53	1.13	TR	F38	<.005	12.104
			FX224320	133.53	134.58	1.05	TR	-	.040	12.146

**********DESCRIPTION**********

FROM M	TO M	
		Weakly silicified and possibly hematitized. Thin quartz carbonate veins common. From 131.95 to 132.40 riddled with orange to pink carbonate dolomite veins with stylolites parallel to foliation at 38 degrees to core axis. Locally foliated such that rock looks tuffaceous..
135.24	136.10	Four quartz carbonate veins over first 28 centimetres with minor coarse grained pyrite.
139.10	140.60	Primary igneous gabbroic texture still evident even though altered.
140.60	142.10	Fifteen % veining.
142.10	142.82	Wispy patches and stringers of very weakly fuchsitic alteration.
142.82	143.28	As above but 70% brecciated quartz carbonate veining.
143.28	146.56	As to 142.82 with 10 to 15% veining.
146.56	148.06	As to 140.60.
148.06	148.57	Wine-red pervasive hematitization.
148.57	149.52	VEIN
		Brecciated locally rusty oxidized carbonate quartz vein with irregular contacts.
149.52	151.00	GABBRO
		Altered as before. Dusty pink gray fine grained carbonatized weakly silicified gabbro. Foliation warped around numerous quartz dolomite veins. About 15 to 20% veining.

**********ANALYSES**********

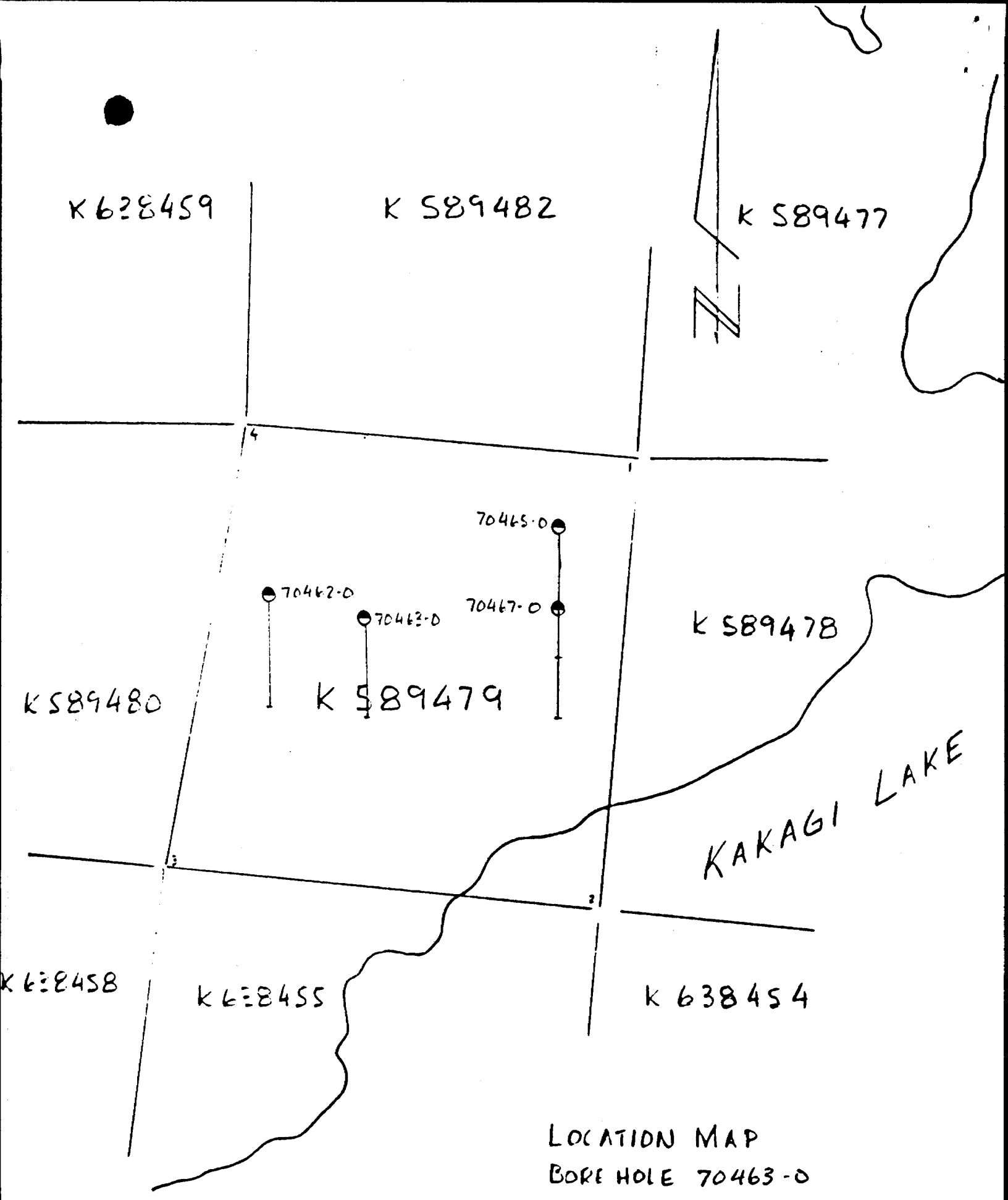
SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX224321	134.58	135.24	.66	TR	-	<.005	12.146
FX224322	135.24	136.10	.86	TR	F45	.060	12.198
FX224323	136.10	137.54	1.44	TR	F20	.560	13.004
FX224324	137.54	139.10	1.56	TR	F40	.005	13.012
FX224325	139.10	140.60	1.50	TR	F40	.015	13.034
FX224326	140.60	142.10	1.50	TR	F45	.095	13.177
FX224327	142.10	142.82	.72	TR	F40	.010	13.184
FX224328	142.82	143.28	.46	TR	-	.235	13.292
FX224329	143.28	145.06	1.78	TR	F38	.035	13.355
FX224330	145.06	146.56	1.50	TR	F45	.170	13.610
FX224331	146.56	148.06	1.50	TR	F40	<.005	13.610
FX224332	148.06	148.57	.51	3	F35	.735	13.984
FX224333	148.57	149.52	.95	TR	-	.235	14.208
FX224334	149.52	151.00	1.48	2	-	.620	15.125

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
151.00	151.32	VEIN Quartz carbonate vein with altered gabbro inclusions.	FX224335	151.00	151.32	.32	TR	-	.930	15.423
151.32	153.95	GABBRO Altered as to 151.00.	FX224336	151.32	152.45	1.13	TR	F40	1.120	16.688
			FX224337	152.45	153.95	1.50	TR	F40	.040	16.748
153.95	155.44	GABBRO Altered. Becoming less pink and becoming greener down hole. Locally weakly fuchsitic. 10% quartz carbonate veins with fine needles of tourmaline. Original igneous texture now obvious.	FX224338	153.95	155.44	1.49	TR	F35	.205	17.054
155.44	156.92	GABBRO Altered. Pale gray to light brown weakly fuchsitic carbonatized gabbro. Alteration decreasing down hole. Foliation typically 40 degrees but warps to subparallel around quartz carbonate tourmaline veins.	FX224339	155.44	156.92	1.48	TR	-	.035	17.106
156.92	158.80	GABBRO Halo alteration. Light gray weakly to moderately carbonatized gabbro.	FX224340	156.92	157.94	1.02	TR	F40	<.005	17.106
			FX224341	157.94	158.80	.86	TR	-	<.005	17.106
158.80	171.57	GABBRO Dark gray to green fine grained to medium grained locally very weakly carbonatized gabbro with few thin quartz dolomite veinlets.	FX224342	158.80	159.90	1.10	TR	F40	<.005	17.106
			FX224343	159.90	161.46	1.56	TR	-	.015	17.129
			FX224344	161.46	162.90	1.44	TR	-	<.005	17.129

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
	161.46	162.90 Weakly fuchsitic around 5 centimetre quartz vein with minor tourmaline.	FX224345	162.90	164.40	1.50	TR	-	<.005	17.129
			FX224346	164.40	165.87	1.47	TR	-	.005	17.136
	164.40	165.87 Diffuse patchy fuchsitic alteration around thin quartz carbonate veins.	FX224347	165.87	167.40	1.53	TR	-	<.005	17.136
			FX224348	167.40	168.87	1.47	TR	-	<.005	17.136
	169.37	171.57 Sharp lower contact 48 degrees.	FX224349	168.87	169.37	.50	TR	-	<.005	17.136
			FX224350	169.37	171.57	2.20	TR	C48	<.005	17.136
171.57	177.09	FELDSPAR PORPHYRY								
		Massive very homogeneous tan-cream feldspar porphyry. 30% white feldspar phenocrysts. Rare millimetre size clots of fuchsite. Minor thin quartz veins. 2 to 4% disseminated pyrite.	FX224351	171.57	173.33	1.76	2	-	.010	17.154
			FX224352	173.33	174.84	1.51	2	-	<.005	17.154
			FX224353	174.84	177.09	2.25	2	-	.010	17.177
		177.09 Foot of hole.								



LOCATION MAP
BORE HOLE 70463-0
DRILLED ON CLAIM K 589479
AREA OF HLPONPY LAKE (62621)
SCALE 1:5000

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	: Fort Knox JV	LATITUDE	:n 9560.0 M	NTS SHEET #	: 52-F-4	STARTED	: 02-14-87
PROPERTY	: Penn	DEPARTURE	:e 9250.0 M	TOWNSHIP	:	COMPLETED	: 02-17-87
BOREHOLE	: 70464-0	ELEVATION	: 1360.6 M	PROVINCE	: Ontario	MEASUREMENTS	: M
AZIMUTH	: 175.0	BL AZIMUTH	: 085	COUNTRY	: Canada	DRILLED BY	: Ultramobile
DIP	: -45.0	GRID BEARING	:	CLAIM #	: K589480	DRILL TYPE	: JK Smit 300
DEPTH	: 234.7 M	LOGGED BY	: R. Bell	GRID NAME	:	TEST METHOD	: Acid
				CORE SIZE	: BQ-thin wall	ASSAYED FOR	: Gold

COMMENTS : Collar is 10 m W and 145 m S of number 1 post.

LEFT IN HOLE:2.72 m BW casing.

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
60.96		-42.50	121.92		-38.00	182.90		-36.00	234.70		-36.50

**********DESCRIPTION**********

**********ANALYSES**********

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
.00	2.72	OVERBURDEN Casing.								
2.72	3.59	GABBRO Fine grained to medium grained mid-green moderately foliated gabbro. Gradational lower contact.	FX224354	2.73	3.59	.86	TR	F40	.005	.004
3.59	5.17	GABBRO Fine grained phase of gabbro with few quartz carbonate veins. Sharply gradational lower contact.	FX224355	3.59	5.17	1.58	TR	-	.010	.020

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
5.17	19.18	GABBRO								
		Fine grained to medium grained massive to weakly foliated gabbro. Locally basaltic looking.	FX224356	5.17	6.80	1.63	TR	F45	.005	.028
			FX224357	6.80	8.30	1.50	TR	-	<.005	.028
		9.80 10.33 Gray green slightly bleached around 12 centimetre quartz carbonate vein.	FX224358	8.30	9.80	1.50	TR	-	.045	.096
			FX224359	9.80	10.33	.53	5	-	.665	.448
		12.19 13.98 Fine grained with several patchy zones of calcite quartz carbonate veining.	FX224360	10.33	12.19	1.86	TR	-	.040	.523
			FX224361	12.19	13.98	1.79	TR	-	.005	.532
		13.98 15.24 Medium grained massive as to 3.59. Moderately magnetic.	FX224362	13.98	15.24	1.26	TR	-	.010	.544
			FX224363	15.24	16.74	1.50	TR	-	.010	.559
		18.29 19.18 As above. Sharp lower contact.	FX224364	16.74	18.29	1.55	TR	-	.020	.590
			FX224365	18.29	19.18	.89	TR	C40	.115	.692
19.18	36.70	GABBRO								
		Fine grained to locally medium grained dark green weakly magnetic to non-magnetic. Few irregular quartz calcite veins with pyritic contacts. Possibly basalt or fine grained phase of gabbro.	FX224366	19.18	20.50	1.32	3	-	.165	.910
			FX224367	20.50	21.92	1.42	TR	-	.005	.917
			FX224368	21.92	23.32	1.40	2	-	.065	1.008
			FX224369	23.32	24.80	1.48	TR	F28	.395	1.593
		21.92 23.32 Minor thin quartz vein with pyritic contacts.	FX224370	24.80	26.28	1.46	2	F28	2.140	4.760
		24.80 26.28 Several highly irregular quartz calcite veins subparallel to core axis.	FX224371	26.28	27.80	1.52	TR	-	.020	4.791
			FX224372	27.80	29.28	1.48	TR	-	.005	4.798
		26.28 27.80 Last 3 centimetres quartz vein at 35 degrees to core axis.	FX224373	29.28	30.71	1.43	TR	-	.060	4.884
			FX224374	30.71	32.27	1.56	TR	-	.010	4.899
		29.28 30.71 Few quartz calcite veinlets.	FX224375	32.27	33.66	1.39	TR	-	.005	4.906
		30.71 32.27 Fine grained basaltic looking.	FX224376	33.66	35.16	1.50	TR	-	.010	4.921
		32.27 33.66 As above. Irregular quartz calcite veining subparallel to core axis.	FX224377	35.16	36.70	1.54	TR	-	.010	4.937
		33.66 35.16 As above. 5 to 10% calcite quartz veinlets at 65 to 85 degrees to core axis.								
		35.16 36.70 As above. Becoming medium grained down hole. 5 to 10 % veining.								

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
36.70	44.17	GABBRO								
		Medium grained to locally fine grained massive locally	FX224378	36.70	38.20	1.50	TR	-	.005	4.944
		weakly magnetic dark green gabbro. Locally 5 to 10 %	FX224379	38.20	39.70	1.50	TR	-	.005	4.952
		quartz calcite veining.	FX224380	39.70	41.20	1.50	TR	-	.010	4.967
		42.67 44.17 Becoming fine grained down hole.	FX224381	41.20	42.67	1.47	TR	-	<.005	4.967
			FX224382	42.67	44.17	1.50	TR	-	.010	4.982
44.17	61.98	GABBRO								
		Fine grained locally medium grained massive to weakly	FX224383	44.17	45.75	1.58	TR	-	.005	4.990
		foliated homogenous fine grained phase of gabbro or	FX224384	45.75	47.25	1.50	TR	-	.005	4.997
		basalt. 5 to 7% thin calcite quartz veining.	FX224385	47.25	48.61	1.36	TR	-	<.005	4.997
		Gradational lower contact.	FX224386	48.61	50.11	1.50	TR	-	.020	5.027
		48.61 50.11 Few thin quartz veins.	FX224387	50.11	51.70	1.59	TR	-	<.005	5.027
		50.11 51.70 Two 4 centimetre quartz carbonate veins.	FX224388	51.70	53.18	1.48	TR	-	<.005	5.027
		51.70 53.18 Two 4 to 5 centimetre quartz carbonate veins.	FX224389	53.18	54.63	1.45	TR	-	<.005	5.027
		53.18 54.63 Minor leucoxene.	FX224390	54.63	56.06	1.43	TR	-	<.005	5.027
		54.63 56.06 4 centimetre quartz calcite vein subparallel	FX224391	56.06	57.62	1.56	TR	F35	.110	5.199
		to core axis.	FX224392	57.62	59.10	1.48	TR	-	<.005	5.199
		59.10 60.52 30 centimetres of irregular quartz dolomite	FX224393	59.10	60.52	1.42	TR	-	.015	5.220
		veining.	FX224394	60.52	61.98	1.46	TR	-	.010	5.235
		60.52 61.98 Gradational to medium grained.								
61.98	79.58	GABBRO								
		Sub-halo alteration. Fine grained to medium grained	FX224395	61.98	63.39	1.41	TR	-	.005	5.242
		massive to weakly foliated dark green gray gabbro with	FX224396	63.39	64.85	1.46	TR	-	.070	5.344
		numerous gash type ankerite veins and patches. 5 to 10	FX224397	64.85	66.30	1.45	TR	-	.010	5.358
		% veining.	FX224398	66.30	67.70	1.40	TR	-	.010	5.372
		69.27 75.15 As above but veins now pink and dolomitic.	FX224399	67.70	69.27	1.57	TR	-	.050	5.451
		10 to 15% veining.	FX224400	69.27	70.74	1.47	TR	-	.045	5.517

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		75.15 79.58 As above. Becoming lighter gray and weakly to moderately carbonatized down hole.	FX224401	70.74	72.20	1.46	TR	-	<.005	5.517
			FX224402	72.20	73.65	1.45	TR	-	<.005	5.517
			FX224403	73.65	75.15	1.50	TR	-	<.005	5.517
			FX224404	75.15	76.47	1.32	TR	-	.105	5.656
			FX224405	76.47	77.97	1.50	TR	-	.075	5.768
			FX224406	77.97	79.58	1.61	TR	-	.345	6.324
79.58	86.84	GABBRO								
		Halo-alteration. Fine grained slightly pinkish gray green weakly to moderately carbonatized gabbro with few irregular dolomite quartz veins.	FX224407	79.58	81.42	1.84	TR	-	.085	6.480
			FX224408	81.42	82.88	1.46	TR	-	.020	6.509
			FX224409	82.88	84.10	1.22	TR	-	.205	6.759
		79.58 81.42 Minor coarse grained pyrite in dolomite vein.	FX224410	84.10	85.56	1.46	TR	F38	.020	6.789
		82.88 84.10 Sharp lower contact 10 degrees to core axis.	FX224411	85.56	86.84	1.28	TR	F30	<.005	6.789
		84.10 85.56 Dusty pink gray fine grained moderately carbonatized gabbro. Sharp lower contact cut by dolomite quartz veins.								
		85.56 86.84 Darker gray green medium grained strongly foliated. Few irregular dolomite carbonate quartz veins.								
86.84	87.31	VEIN								
		Irregular quartz carbonate dolomite vein with chloritic inclusions of gabbro. Sharp lower contact.	FX224412	86.84	87.31	.47	TR	C75	.815	7.172
87.31	97.54	GABBRO								
		Halo alteration. Dusty pink gray to gray green fine grained to medium grained weakly foliated weakly to moderately carbonatized weakly silicified gabbro. Occasional quartz carbonate vein.	FX224413	87.31	88.18	.87	4	C30	.015	7.185
			FX224414	88.18	90.04	1.86	TR	-	<.005	7.185
			FX224415	90.04	91.44	1.40	TR	F30	.010	7.199
			FX224416	91.44	92.94	1.50	2	F32	.010	7.214

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		87.31 88.18 Dusty pink. Resembles the rainbow zone. 3 to 5% pyrite. pervasive carbonate alteration. Possibly hematitized. Sharp lower contact to gray green weakly carbonatized gabbro.	FX224417	92.94	94.49	1.55	TR	-	.005	7.221
			FX224418	94.49	95.99	1.50	TR	-	.020	7.251
			FX224419	95.99	97.54	1.55	TR	F35	.005	7.259
		91.44 92.94 Thin irregular quartz vein at top of sample with pyritic fuchsitic contacts.								
97.54	101.07	GABBRO								
		Altered. Wine-pink with patchy lime to emerald green fuchsitic alteration. Fine grained weakly silicified strongly foliated gabbro. Pervasive hematitization. Resembles the rainbow zone. Minor leucoxene.	FX224420	97.54	99.04	1.50	TR	F00	<.005	7.259
			FX224421	99.04	100.00	.96	TR	-	.005	7.264
			FX224422	100.00	101.07	1.07	TR	F45	.045	7.312
		97.54 99.04 Hematitized rusty wine-gray strongly foliated parallel to core axis. Last 25 centimetres brecciated quartz carbonate vein.								
		99.04 100.00 Moderately fuchsitic pale green fine grained to medium grained. 10 to 15% dolomite quartz carbonate veining.								
		100.00 101.07 Strongly fuchsitic gabbro. Approximately 50 to 60% brecciated and boudinaged veining.								
101.07	102.79	VEIN								
		Buff-tan brecciated irregular carbonate quartz dolomite veining with minor tourmaline and fuchsitic gabbro inclusions. 8% fine grained disseminated pyrite.	FX224423	101.07	102.79	1.72	8	-	.450	8.086
102.79	114.05	GABBRO								
		Altered. Rainbow zone?. Dusty wine to pink with	FX224424	102.79	103.89	1.10	TR	-	.190	8.295

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR AND	AU PPM	PPM*M
		discontinous wispy patches of pale lime green fuchsite. Moderately to strongly silicified and pervasively carbonatized. Strongly foliated.	FX224425	103.89	105.64	1.75	TR	F32	.005	8.304
			FX224426	105.64	107.24	1.60	TR	F35	.075	8.424
			FX224427	107.24	109.10	1.86	TR	-	<.005	8.424
			FX224428	109.10	110.60	1.50	TR	-	.080	8.544
			FX224429	110.60	112.38	1.78	TR	F38	.020	8.579
			FX224430	112.38	114.05	1.67	TR	-	<.005	8.579
		103.89 105.64 Chloritic clots stretched parallel to foliation giving a tuffaceous appearance.								
		109.10 110.60 10% quartz carbonate dolomite veining locally subparallel to core axis.								
		110.60 112.38 5% veining as above. Carbonate veins consist of coarse grained megacrysts of carbonate.								
		112.38 114.05 5% very fine grained pink orange dolomite quartz veining with stylolites and minor tourmaline.								
114.05	115.23	VEIN								
		Predominantly vein of fine grained to medium grained carbonate quartz. Brick coloured. Cut by later ankerite quartz veins. Few irregular fuchsitic gabbro inclusions.	FX224431	114.05	115.23	1.18	TR	-	.005	8.585
115.23	126.55	GABBRO								
		Altered. Similar to rainbow zone. As to 114.05.	FX224432	115.23	116.51	1.28	TR	-	.025	8.617
		116.51 118.01 Chloritic clots as to 105.64.	FX224433	116.51	118.01	1.50	TR	F40	<.005	8.617
		118.01 119.45 Moderately altered medium grained gabbro. Igneous texture still apparent. Non-fuchsitic.	FX224434	118.01	119.45	1.44	TR	-	<.005	8.617
			FX224435	119.45	121.03	1.58	TR	-	<.005	8.617
			FX224436	121.03	122.53	1.50	TR	-	<.005	8.617
		119.45 121.03 As above but fine grained to medium grained	FX224437	122.53	124.03	1.50	TR	F45	<.005	8.617
		121.03 126.55 Chloritic clots give tuffaceous appearance.	FX224438	124.03	125.50	1.47	TR	-	<.005	8.617
			FX224439	125.50	126.55	1.05	TR	-	<.005	8.617

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
126.55	131.85	GABBRO								
		Halo alteration. Light green gray fine grained to medium grained weakly foliated homogeneous moderately carbonatized gabbro with occasional irregular quartz carbonate vein to 7 centimetres wide.	FX224440	126.55	128.02	1.47	TR	-	<.005	8.617
			FX224441	128.02	129.52	1.50	TR	-	<.005	8.617
			FX224442	129.52	130.73	1.21	TR	-	<.005	8.617
			FX224443	130.73	131.85	1.12	TR	-	<.005	8.617
		128.02 130.73 Minor fuchsite alteration at vein contacts.								
		130.73 131.85 Gradational lower contact.								
131.85	138.95	GABBRO								
		Altered. Dusty pink to fuchsitic green fine grained highly carbonatized and silicified gabbro. Numerous irregular quartz carbonate veins. Minor stylolites, needles of tourmaline and leucoxene. Gradational lower contact.	FX224444	131.85	132.98	1.13	TR	F45	.010	8.629
			FX224445	132.98	134.48	1.50	TR	F40	.005	8.636
			FX224446	134.48	135.98	1.50	3	-	.530	9.431
			FX224447	135.98	137.45	1.47	2	F38	1.030	10.945
			FX224448	137.45	138.95	1.50	3	-	.085	11.073
		134.48 135.98 20% quartz carbonate dolomite veins with 3% pyrite at vein contacts.								
		137.45 138.95 Becoming more fuchsitic down hole. 30% veining. 3% pyrite at vein contacts. Gradational lower contact.								
138.95	144.98	GABBRO								
		Fuchsitic. Pale green to bright green locally pinkish-gray strongly fuchsitic carbonatized and silicified gabbro. Riddled with numerous irregular quartz carbonate dolomite tourmaline veins. minor leucoxene.	FX224449	138.95	140.46	1.51	TR	-	.050	11.148
			FX224450	140.46	141.96	1.50	TR	-	.005	11.156
			FX224451	141.96	143.50	1.54	TR	-	<.005	11.156
			FX224452	143.50	144.98	1.48	TR	-	<.005	11.156
		138.95 140.46 45% veining. 20 centimetre quartz vein with radiating needles of tourmaline.								
		140.46 141.96 20% veins.								
		141.96 143.50 15% veins.								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		143.50 144.98 15% veins. Gradational to non-fuchsitic.								
144.98	161.90	GABBRO								
		Altered. Pale gray green fine grained strongly silicified and carbonatized massive to weakly foliated gabbro. Non-fuchsitic. Minor leucoxene. Numerous quartz carbonate dolomite veins.	FX224453	144.98	146.43	1.45	TR	-	<.005	11.156
			FX224454	146.43	147.93	1.50	TR	-	<.005	11.156
			FX224455	147.93	149.32	1.39	TR	F50	<.005	11.156
			FX224456	149.32	149.90	.58	TR	F50	<.005	11.156
		146.43 147.93 First 45 centimetres is brecciated dolomite quartz ankerite vein with fuchsite stringers. fuchsitic around thin quartz carbonate veins. 40% veins.	FX224457	149.90	151.63	1.73	TR	-	.035	11.216
			FX224458	151.63	152.75	1.12	TR	-	.045	11.267
			FX224459	152.75	154.21	1.46	TR	-	.010	11.281
			FX224460	154.21	156.00	1.79	TR	-	<.005	11.281
		147.93 149.32 25% veining with fuchsitic contacts.	FX224461	156.00	157.50	1.50	TR	F45	<.005	11.281
		149.32 149.90 Yellowish green with chlorite pseudomorphs of ferromags to 5 millimetres. No veining.	FX224462	157.50	159.18	1.68	TR	-	<.005	11.281
			FX224463	159.18	160.86	1.68	TR	F42	.015	11.306
		149.90 152.75 Riddled with contorted brecciated dolomite carbonate quartz veins. 60% veins with numerous angular altered inclusions.	FX224464	160.86	161.90	1.04	TR	-	.015	11.322
		152.75 156.00 15% veining. 5 to 10% leucoxene.								
		156.00 157.50 5% veining. Less altered.								
		157.50 159.18 Dark gray green. 5% veining. Top 20 centimetres purplish black fine grained very soft unidentified mineral.								
		159.18 160.86 40% quartz carbonate veining.								
		160.86 161.90 Gradational to fuchsitic gabbro. 30 to 40% dolomite carbonate quartz veining.								
161.90	163.20	GABBRO								
		Fuchsitic. Fine grained to medium grained pale green to bright emerald green moderately to strongly fuchsitic strongly silicified and carbonatized gabbro to quartz	FX224465	161.90	163.20	1.30	TR	-	.015	11.342

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		gabbro. Riddled with irregular brecciated carbonate quartz dolomite veins with stylolites and tourmaline. 45% veining. Up to 10% leucoxene.								
163.20	163.75	VEIN								
		Highly brecciated irregular carbonate quartz dolomite veining with highly altered fuchsitic gabbro inclusions. Minor pyrite.	FX224466	163.20	163.75	.55	TR	-	.195	11.449
163.75	165.78	GABBRO								
		Fuchsitic. As to 163.20. 25% veining.	FX224467	163.75	165.78	2.03	TR	F47	.070	11.591
165.78	166.96	VEIN								
		As to 163.75. 80% vein and 20% highly altered inclusions.	FX224468	165.78	166.96	1.18	2	-	.185	11.809
166.96	174.28	GABBRO								
		Fuchsitic. As to 163.20.	FX224469	166.96	168.27	1.31	TR	-	.035	11.855
		168.27 172.22 5% pink dolomite carbonate quartz veining.	FX224470	168.27	169.80	1.53	TR	-	.015	11.878
		172.22 173.10 Cut by quartz carbonate vein parallel to	FX224471	169.80	171.02	1.22	TR	-	.040	11.927
		core axis. Also by banded dolomite smokey	FX224472	171.02	172.22	1.20	TR	-	.020	11.951
		black quartz veins.	FX224473	172.22	173.10	.88	TR	-	.030	11.977
		173.10 174.28 As to 172.22. Sharp lower contact to	FX224474	173.10	174.28	1.18	TR	-	.030	12.013
		quartz vein at 90 degrees to core axis.								
174.28	174.65	VEIN								
		White quartz vein with fine tourmaline needles at vein contacts.	FX224475	174.28	174.65	.37	TR	-	<.005	12.013

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
174.65	177.52	GABBRO Fuchsitic. As to 163.20. 174.65 176.06 40% dolomite quartz carbonate veining. 176.06 177.52 30 to 35% veining as above. Also several black smokey quartz veins.	FX224476 FX224477	174.65 176.06	176.06 177.52	1.41 1.46	TR TR	- -	.030 .040	12.055 12.113
177.52	178.36	GABBRO Altered. Fine grained massive soft strongly carbonatized purplish- green syenitic looking with 5% disseminated pyrite. Cut by dolomite quartz carbonate veins and black smokey veins with inclusions of fuchsitic gabbro and patches and stringers of fine grained to coarse grained pyrite.	FX224478	177.52	178.36	.84	10	-	1.320	13.222
178.36	180.04	GABBRO Altered. Fine grained light green strongly carbonatized massive gabbro with 3% disseminated pyrite. Gradational to darker green down hole. Sharp lower contact.	FX224479	178.36	180.04	1.68	3	C50	.030	13.273
180.04	180.40	VEIN Predominantly brecciated carbonate quartz veining with stringers of yellow green sericite and fuchsitic gabbro. 2% very fine grained disseminated pyrite.	FX224480	180.04	180.40	.36	2	-	.120	13.316
180.40	184.94	GABBRO Halo alteration. Pink green medium grained massive to	FX224481	180.40	182.00	1.60	TR	-	.005	13.324

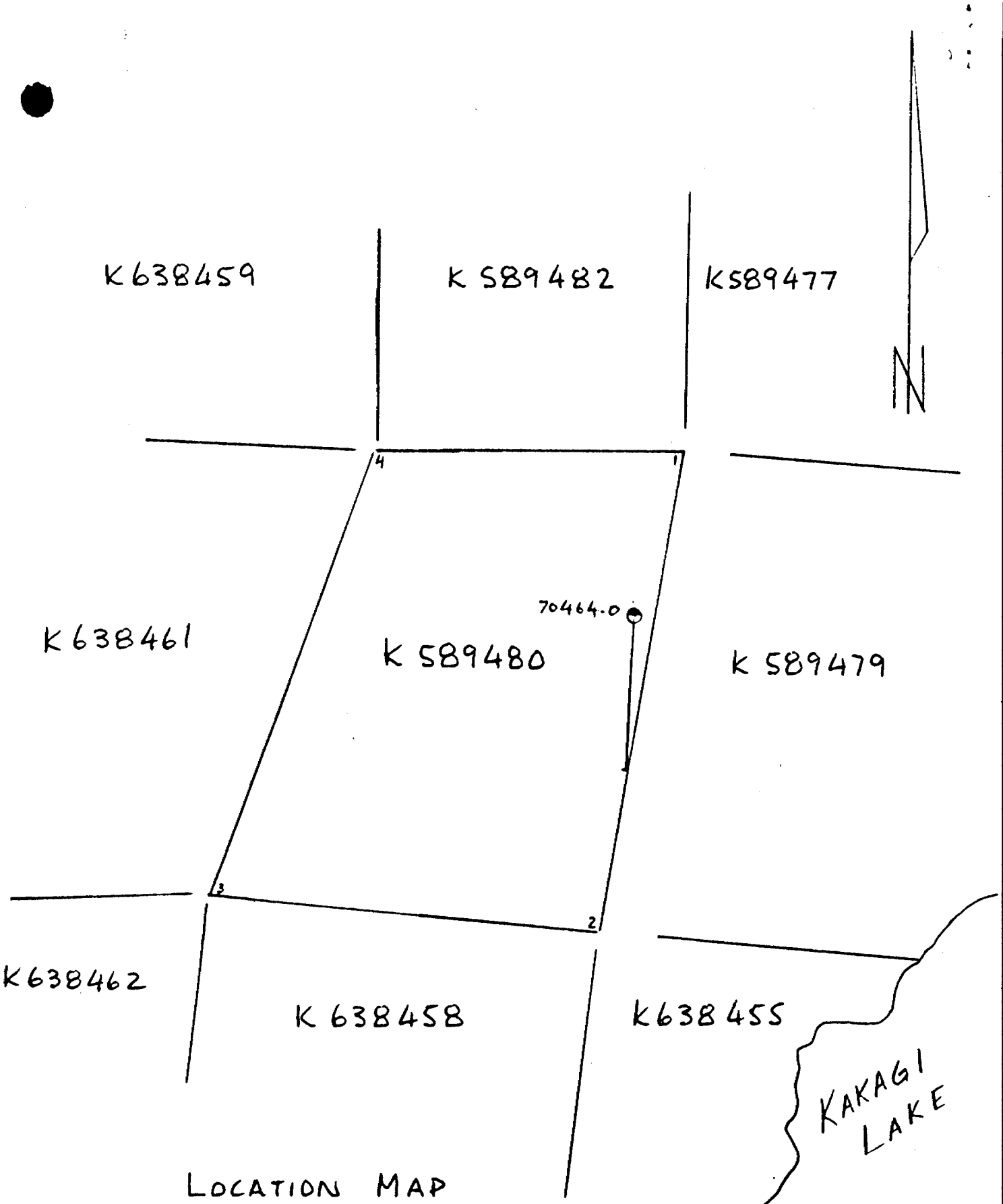
FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		weakly foliated very weakly silicified and carbonatized	FX224482	182.00	183.45	1.45	TR	-	<.005	13.324
		gabbro cut by frequent milky white carbonate quartz	FX224483	183.45	184.94	1.49	TR	-	<.005	13.324
		veins.								
		183.45 184.94 Quartz carbonate vein 35 centimetres wide.								
184.94	205.08	GABBRO								
		Fresh medium grained homogenous dark green massive to	FX224484	184.94	186.39	1.45	TR	-	<.005	13.324
		weakly foliated gabbro. Locally to 10% leucoxene. Thin	FX224485	186.39	187.94	1.55	TR	-	<.005	13.324
		quartz carbonate veins common.	FX224486	187.94	189.41	1.47	TR	-	<.005	13.324
		189.41 190.91 5 to 10% veining.	FX224487	189.41	190.91	1.50	TR	-	<.005	13.324
		192.37 196.85 15 to 20% veining.	FX224488	190.91	192.37	1.46	TR	-	<.005	13.324
		196.85 198.35 10% veining.	FX224489	192.37	193.87	1.50	TR	-	<.005	13.324
		199.85 201.28 Aphanitic stringers and patches of dark	FX224490	193.87	195.35	1.48	TR	-	<.005	13.324
		green chlorite.	FX224491	195.35	196.85	1.50	TR	-	<.005	13.324
		201.28 202.34 Slightly bleached to gray green and weakly	FX224492	196.85	198.35	1.50	TR	F35	<.005	13.324
		silicified. 15 centimetre quartz carbonate	FX224493	198.35	199.85	1.50	TR	-	<.005	13.324
		vein with smokey black margins.	FX224494	199.85	201.28	1.43	TR	-	.010	13.338
		202.34 203.69 As above. 11 centimetre quartz vein.	FX224495	201.28	202.34	1.06	TR	-	.005	13.343
		203.69 205.08 As above. 15 to 20% veining including a 25	FX224496	202.34	203.69	1.35	TR	-	<.005	13.343
		centimetre quartz carbonate vein at top	FX224497	203.69	205.08	1.39	2	-	.015	13.364
		of section.								
205.08	205.48	VEIN								
		Banded carbonate chlorite dolomite quartz vein.	FX224498	205.08	205.48	.40	2	-	.010	13.368
205.48	207.26	GABBRO								
		As to 202.34. Gradational to peridotite.	FX224499	205.48	207.26	1.78	TR	F45	.005	13.377

**********DESCRIPTION**********

FROM M	TO M	
207.26	234.70	PERIDOTITE
		Black to dark green medium grained to coarse grained soapy feeling very homogeneous soft peridotite. moderately foliated to massive. Occasional thin carbonate vein.
		232.34 233.84 10 centimetre carbonate quartz vein at 25 degrees to core axis.
		Foot of hole.

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX224500	207.26	208.66	1.40	TR	-	<.005	13.377
FX224501	208.66	210.16	1.50	TR	-	<.005	13.377
FX224502	210.16	211.61	1.45	TR	-	<.005	13.377
FX224503	211.61	213.11	1.50	TR	F45	<.005	13.377
FX224504	213.11	214.73	1.62	TR	-	<.005	13.377
FX224505	214.73	216.23	1.50	TR	-	<.005	13.377
FX224506	216.23	217.69	1.46	TR	-	<.005	13.377
FX224507	217.69	219.46	1.77	TR	-	<.005	13.377
FX224508	219.46	220.87	1.41	TR	-	<.005	13.377
FX224509	220.87	222.37	1.50	TR	-	<.005	13.377
FX224510	222.37	223.70	1.33	TR	-	<.005	13.377
FX224511	223.70	225.20	1.50	TR	-	<.005	13.377
FX224512	225.20	226.56	1.36	TR	F45	<.005	13.377
FX224513	226.56	228.16	1.60	TR	-	<.005	13.377
FX224514	228.16	229.40	1.24	TR	-	<.005	13.377
FX224515	229.40	231.90	2.50	TR	-	<.005	13.377
FX224516	231.90	232.34	.44	TR	-	<.005	13.377
FX224517	232.34	233.84	1.50	TR	-	<.005	13.377
FX224518	233.84	234.70	.86	TR	-	<.005	13.377



LOCATION MAP
BOREHOLE 70464-0
DRILLED ON CLAIM K589480
AREA OF HERONRY LAKE (G-2621)
SCALE 1:5000

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	: Fort Knox JV	LATITUDE	:N 9530.0 M	NTS SHEET #	: 52-F-4	STARTED	: 02-18-87
PROPERTY	: Penn	DEPARTURE	:E 9358.0 M	TOWNSHIP	:	COMPLETED	: 02-21-87
BOREHOLE	: 70465-0	ELEVATION	: 1359.7 M	PROVINCE	: Ontario	MEASUREMENTS	: M
AZIMUTH	: 175.0	BL AZIMUTH	: 085	COUNTRY	: Canada	DRILLED BY	: Ultramobile
DIP	: -45.0	GRID BEARING	:	CLAIM #	: K589479	DRILL TYPE	: JK Smit 300
DEPTH	: 222.2 M	LOGGED BY	: R. Bell	GRID NAME	:	TEST METHOD	: Acid
				CORE SIZE	: BQ thinwwall	ASSAYED FOR	: Gold

COMMENTS : Collar is 75 m W and 75 m S of number one post.

LEFT IN HOLE:2.14 m casing

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
6.10		-46.00	60.96		-44.00	121.92		-43.50	182.88		-43.50

FROM M	TO M	**********DESCRIPTION**********	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
									**********ANALYSES**********	
.00	2.14	OVERBURDEN Casing.								
2.14	18.84	BASALT Fine grained locally medium grained dark green weakly to moderately foliated locally variolitic basalt. Possibly pillowed. 2.14 3.60 Medium grained. 3.60 5.04 Fine grained. 30 centimetre discontinous quartz carbonate vein. 6.50 8.00 Variolites? stretched parallel to foliation. 8.00 8.12 As above. Sharply gradational lower contact. 8.12 9.02 Fine grained massive basalt. Sharp irregular	FX224641	2.14	3.60	1.46	TR	F40	.025	.036
			FX224642	3.60	5.04	1.44	TR	-	.010	.051
			FX224643	5.04	6.50	1.46	TR	F47	<.005	.051
			FX224644	6.50	8.00	1.50	TR	F50	<.005	.051
			FX224645	8.00	8.12	.12	TR	-	.005	.051
			FX224645	8.12	9.02	.90	TR	-	.005	.056
			FX224645	9.02	9.25	.23	-		.005	.057
			FX224646	9.25	10.75	1.50	TR	-	<.005	.057
			FX224647	10.75	12.42	1.67	2	F50	.015	.082

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		lower contact with minor pyrite.	FX224648	12.42	13.92	1.50	TR	-	.015	.105
		9.02 9.25 Variolitic.	FX224649	13.92	15.25	1.33	TR	-	.015	.125
		9.25 10.75 Rapid variations from variolitic looking to	FX224650	15.25	16.75	1.50	TR	F45	.015	.147
		fine grained massive and chloritic which may	FX224651	16.75	17.98	1.23	TR	-	<.005	.147
		be pillow selvage material. 2% pyrite and	FX224652	17.98	18.84	.86	TR	-	.005	.151
		chalcopyrite.								
		10.75 12.42 As above. 15 centimetres of coalescing variolites at 50 degrees to core axis. Patch of chalcopyrite 4 by 0.5 centimetres. Few carbonate quartz veins with weakly fuchsitic contacts.								
		12.42 13.92 5 to 8% veining.								
		13.92 15.25 Possible pillow margin at 14.53 metres at 55 degrees to core axis. First 20 centimetres quartz carbonate vein with weak fuchsite alteration.								
18.84	19.65	VEIN								
		Quartz carbonate vein with millimetre size chloritic inclusions and unidentified hard gray mineral.	FX224653	18.84	19.65	.81	TR	-	.060	.200
19.65	36.12	BASALT								
		As to 18.84 metre. Few thin quartz veins with pyritic	FX224654	19.65	21.03	1.38	3	-	.040	.255
		contacts. Minor leucoxene.	FX224655	21.03	22.53	1.50	TR	-	<.005	.255
		26.89 28.31 Several quartz carbonate veins to 4	FX224656	22.53	24.08	1.55	TR	-	.015	.279
		centimetres wide with stringers of fuchsitic	FX224657	24.08	25.46	1.38	TR	-	.010	.292
		alteration at contacts and disseminated	FX224658	25.46	26.89	1.43	TR	-	.055	.371
		pyrite to 10% over several centimetres.	FX224659	26.89	28.31	1.42	TR	-	.100	.513
		28.31 29.67 9 centimetre carbonate quartz vein with	FX224660	28.31	29.67	1.36	TR	-	.330	.962
		minor weak fuchsite alteration and minor	FX224661	29.67	31.10	1.43	TR	F20	.010	.976

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		pyrite at contacts at 20 degrees to core axis.	FX224662	31.10	32.50	1.40	TR	-	.120	1.144
			FX224663	32.50	33.97	1.47	TR	-	.305	1.592
	29.67 31.10	Variolites stretched parallel to foliation.	FX224664	33.97	35.47	1.50	TR	-	.015	1.615
	31.10 32.50	As above for first 50 centimetres then fine grained. Several quartz carbonate veins with fuchsitic pyritic contacts.	FX224665	35.47	36.12	.65	TR	-	.005	1.618
	33.97 35.47	Fine grained to medium grained gabbroic looking.								
36.12	50.00	BASALT								
		Fine grained to locally medium grained dark green basalt	FX224665	36.12	36.95	.83	TR	-	.005	1.622
		or gabbro with 10 to 15% fine grained disseminated	FX224666	36.95	38.47	1.52	TR	F30	.005	1.630
		magnetite and specularite. strongly magnetic. Very	FX224667	38.47	39.77	1.30	TR	F40	<.005	1.630
		homogeneous. Occasional thin calcite quartz veinlet.	FX224668	39.77	41.18	1.41	TR	-	.010	1.644
	44.15 45.49	Irregular pyrite quartz vein subparallel to	FX224669	41.18	42.65	1.47	TR	-	<.005	1.644
		core axis at 45.42 metres.	FX224670	42.65	44.15	1.50	TR	-	.010	1.659
	45.49 46.99	16 centimetre pyrite quartz vein with 15%	FX224671	44.15	45.49	1.34	3	-	.235	1.974
		pyrite.	FX224672	45.49	46.99	1.50	4	-	.270	2.379
	48.46 50.00	Sharp lower contact at 40 degrees to core	FX224673	46.99	48.46	1.47	TR	-	.015	2.401
		axis.	FX224674	48.46	50.00	1.54	TR	-	<.005	2.401
50.00	50.43	VEIN								
		First 18 centimetres non-pyritic carbonate veining then	FX224675	50.00	50.43	.43	15	-	.505	2.618
		diffuse contact to pinkish white very hard quartz carbonate vein with 15% disseminated pyrite.								
50.43	60.10	BASALT								
		As to 50.00. 15% gray coarse grained leucoxene crystals.	FX224676	50.43	51.43	1.00	TR	-	<.005	2.618
	55.78 57.17	10 centimetre highly vuggy quartz carbonate	FX224677	51.43	52.90	1.47	TR	-	<.005	2.618

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		vein with minor pyrite.	FX224678	52.90	54.35	1.45	TR	F38	.030	2.662
		57.17 58.60 22 centimetre vuggy vein as above. Magnetite	FX224679	54.35	55.78	1.43	TR	-	.020	2.690
		content decreasing down hole.	FX224680	55.78	57.17	1.39	2	-	.640	3.580
		58.60 60.10 2% magnetite gradational to non-magnetic	FX224681	57.17	58.60	1.43	TR	-	.175	3.830
		down hole.	FX224682	58.60	60.10	1.50	TR	-	.005	3.838
60.10	62.97	BASALT								
		Fine grained dark green non-magnetic basalt.	FX224683	60.10	61.60	1.50	TR	F45	.010	3.853
		61.60 62.97 As above but becoming coarser grained down	FX224684	61.60	62.97	1.37	TR	-	.125	4.024
		hole. Gradational to gabbro.								
62.97	85.04	GABBRO								
		Fine grained to medium grained dark green massive to	FX224685	62.97	64.43	1.46	TR	-	.005	4.031
		weakly foliated homogeneous gabbro with 5% gray	FX224686	64.43	66.47	2.04	6	-	.325	4.694
		leucoxene. Bleached and altered around occasional thin	FX224687	66.47	67.43	.96	2	-	.235	4.920
		quartz carbonate veins.	FX224688	67.43	68.90	1.47	TR	-	.030	4.964
		64.43 66.47 As above but 6 separate areas of bleaching	FX224689	68.90	70.31	1.41	TR	-	<.005	4.964
		to buff colour around thin quartz carbonate	FX224690	70.31	71.81	1.50	TR	-	.005	4.971
		veins. Alteration to 12 centimetres wide.	FX224691	71.81	73.25	1.44	3	-	1.960	7.794
		Altered zones highly silicified and	FX224692	73.25	74.75	1.50	TR	-	.020	7.824
		carbonatized and contain to 10% fine grained	FX224693	74.75	76.10	1.35	TR	-	.020	7.851
		pyrite.	FX224694	76.10	77.60	1.50	TR	-	.010	7.866
		66.47 67.43 Several altered areas as above to 2	FX224695	77.60	79.08	1.48	TR	-	.070	7.969
		centimetres wide.	FX224696	79.08	80.58	1.50	TR	-	.025	8.007
		67.43 68.90 10 centimetre irregular quartz carbonate vein	FX224697	80.58	82.07	1.49	TR	-	.005	8.014
		77.60 79.08 10 centimetres of bleaching around thin	FX224698	82.07	83.57	1.50	TR	-	<.005	8.014
		quartz vein.	FX224699	83.57	85.04	1.47	TR	F30	<.005	8.014
		83.57 85.04 Becoming lighter gray coloured and becoming								
		strongly foliated down hole. Few thin								
		carbonate veins. Gradational to weakly								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		altered.								
85.04	88.68	GABBRO Halo alteration. Very weakly carbonatized fine grained dark gray foliated gabbro with frequent thin carbonate quartz veinlets. 86.54 88.09 18 centimetre quartz carbonate vein at top of sample. Two quartz carbonate tourmaline veins at end of sample, 4 and 7 centimetres wide with pyritic contacts. 88.09 88.68 Slightly more bleached and carbonatized. Cut by several quartz veins to 6 centimetres wide with fine needles of tourmaline. 5 to 8% disseminated pyrite. Two large patches of chalcopyrite in thin smokey quartz vein. Gradational lower contact.	FX224700	85.04	86.54	1.50	TR	F33	<.005	0.014
			FX224701	86.54	88.09	1.55	3	F38	.165	0.270
			FX224702	88.09	88.68	.59	5	-	.115	0.338
88.68	90.38	GABBRO Altered. Fine grained rose-brown strongly silicified and carbonatized gabbro. Locally sericitized and hematitized. Thin gash type quartz carbonate veins common typically at 70 degrees to core axis. 3 to 8% fine grained to coarse grained disseminated pyrite. 88.68 89.48 Gradational from halo alteration to intensely altered. 89.48 90.38 15% veining. 5% coarse grained pyrite. Speck of chalcopyrite in a quartz vein. Sharp lower contact.	FX224703	88.68	89.48	.80	3	F40	.100	0.418
			FX224704	89.48	90.38	.90	5	C40	.185	0.584

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
90.38	91.21	GABBRO Altered. light gray green weakly to moderately carbonatized soft gabbro. Few quartz veins with coarse grained ankerite along contacts.	FX224705	90.38	91.21	.83	TR	F45	.810	9.257
91.21	91.91	VEIN Banded quartz carbonate and black chlorite tourmaline vein parallel to core axis. Minor chalcopyrite.	FX224706	91.21	91.91	.70	2	-	2.430	10.958
91.91	93.66	GABBRO Altered. As to 91.21. Very coarse grained metamorphic pyrite at sharp vein contact at 67 degrees to core axis.	FX224707	91.91	93.66	1.75	2	F35	.325	11.526
93.66	94.76	VEIN Brecciated milky white quartz vein with coarse grained ankerite and tan highly altered wallrock inclusions. Chlorite and tourmaline stringers and tourmaline needles. Sharp lower contact at 30 degrees to core axis.	FX224708	93.66	94.76	1.10	3	C30	1.950	13.671
94.76	97.64	GABBRO Altered. Light gray green fine grained slightly bleached moderately carbonatized strongly silicified gabbro. 95.84 97.64 Few quartz carbonate veins. Sharp lower contact to vein.	FX224709 FX224710	94.76 95.89	95.89 97.64	1.13 1.75	TR 5	F40 -	.025 .095	13.700 13.866
97.64	99.05	VEIN 80% brecciated quartz carbonate vein with 5% fine	FX224711	97.64	99.05	1.41	6	-	1.280	15.671

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		grained acicular tourmaline needles. 20% highly altered gabbro inclusions. Sharp irregular lower contact.								
99.05	100.84	GABBRO Altered. Buff highly silicified gabbro? with soft sericitized fuchsitic stringers. 3% coarse grained metamorphic pyrite. Cut by several irregular quartz carbonate veins with a speck of visible gold at 100.44 metres.	FX224712	99.05	100.84	1.79	TR	F30	.850	17.192
100.84	106.90	GABBRO Altered. Buff to pale brown aphanitic to fine grained moderately to strongly silicified and carbonatized gabbro. few irregular quartz carbonate veins. 103.33 104.20 Fine grained to medium grained with chlorite clots. Less altered as original igneous texture still weakly preserved. Coarse grained pyrite along 4 centimetre quartz carbonate vein at 18 degrees to core axis. 105.30 106.90 Igneous texture still apparent. Minor chalcopyrite in thin quartz carbonate vein. Sharp lower contact cut by thin quartz vein.	FX224713	100.84	102.03	1.19	3	-	.005	17.198
			FX224714	102.03	103.33	1.30	3	F35	<.005	17.198
			FX224715	103.33	104.20	.87	5	F35	.100	17.285
			FX224716	104.20	105.30	1.10	TR	F35	<.005	17.285
			FX224717	105.30	106.90	1.60	TR	-	<.005	17.285
106.90	107.39	GABBRO Dark green fine grained to medium grained relatively unaltered gabbro with few carbonate veins. Sharply gradational lower contact.	FX224718	106.90	107.39	.49	TR	-	<.005	17.285

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
107.39	108.26	GABBRO Fuchsitic. Pale yellowish-green weakly fuchsitic sericitized fine grained to medium grained weakly to moderately carbonatized and silicified gabbro. Minor pyrite.	FX224719	107.39	108.26	.87	TR	F38	.010	17.294
108.26	108.70	GABBRO Altered. Medium grained black to green gabbro with patchy epidote and fuchsite alteration.	FX224720	108.26	108.70	.44	TR	-	<.005	17.294
108.70	120.81	GABBRO Fuchsitic. As to 108.26. Variably fuchsitic with zones of darker green chloritic gabbro. Few thin quartz carbonate veins.	FX224721	108.70	110.25	1.55	TR	-	<.005	17.294
			FX224722	110.25	112.00	1.75	TR	F45	.010	17.311
			FX224723	112.00	112.90	.90	8	-	2.760	19.795
		112.00 112.90 Cut by 40 centimetre banded quartz carbonate tourmaline vein parallel to core axis. Minor chalcopyrite in thin quartz vein.	FX224724	112.90	114.25	1.35	5	-	2.520	23.197
			FX224725	114.25	115.72	1.47	3	F45	.130	23.388
			FX224726	115.72	117.20	1.48	2	F45	.030	23.433
			FX224727	117.20	118.57	1.37	3	F45	.015	23.453
		112.90 114.25 15% quartz carbonate tourmaline veins with few specks of chalcopyrite. One vein at 12 degrees to core axis. Possible speck of visible gold.	FX224728	118.57	120.07	1.50	4	F40	.060	23.543
			FX224729	120.07	120.81	.74	TR	-	.005	23.547
		114.25 115.72 5 by 5 millimetre patch of chalcopyrite in thin black quartz vein.								
		115.72 117.20 Less fuchsitic. Mid-green in colour.								
		117.20 118.57 10% quartz carbonate veins. Occasional patch of chalcopyrite.								
		118.57 120.07 3% coarse grained metamorphic pyrite.								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		Black smokey quartz vein with few chalcopyrite patches and possible very fine grained specks of visible gold.								
	120.07 120.81	Gradational to non-fuchsitic. Becoming gray green down hole. Gradational lower contact.								
120.81 128.91		GABBRO								
		Halo alteration. Massive light gray fine grained to medium grained moderately silicified and carbonatized slightly bleached gabbro with thin dolomite carbonate quartz veins. Igneous texture readily apparent.	FX224730	120.81	122.60	1.79	TR	C55	<.005	23.547
			FX224731	122.60	124.47	1.87	TR	-	.005	23.555
			FX224732	124.47	125.95	1.48	TR	-	.005	23.564
			FX224733	125.95	127.45	1.50	TR	-	.160	23.804
			FX224734	127.45	128.91	1.46	2	-	.390	24.373
	120.81 122.60	Upper 50 centimetres weakly hematitized. Sharp lower contact to fuchsitic alteration cross cuts foliation and is bounded by a 2 millimetre wide quartz veinlet.								
	122.60 124.47	Top 20 centimetres weakly fuchsitic.								
	124.47 125.95	Medium grained to coarse grained gabbro bleached to light gray colour. 5% irregular quartz carbonate veining.								
	127.45 128.91	Gradational lower contact.								
128.91 137.37		GABBRO								
		Sub-halo alteration. Dark gray green fine grained to medium grained massive to weakly foliated very weakly altered gabbro. Minor leucoxene.	FX224735	128.91	130.43	1.52	TR	-	.010	24.388
			FX224736	130.43	131.84	1.41	TR	F45	.010	24.403
			FX224737	131.84	133.32	1.48	TR	-	.005	24.410
			FX224738	133.32	134.73	1.41	TR	-	<.005	24.410
			FX224739	134.73	136.23	1.50	TR	F40	<.005	24.410
			FX224740	136.23	137.37	1.14	TR	F40	.005	24.416
	128.91 130.43	Few dolomite carbonate veins.								
	130.43 131.84	Locally saussuritized. Minor fuchsite alteration of thin quartz vein contacts.								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		136.23 137.37 Gradational to slightly more altered.								
137.37	138.60	GABBRO								
		Halo alteration. Weakly carbonatized , silicified and sericitized gray green gabbro. 10% thin carbonate quartz veins. Gradational to altered.	FX224741	137.37	138.60	1.23	TR	-	<.005	24.416
138.60	144.90	GABBRO								
		Altered. Pale yellowish-green bleached fine grained to medium grained strongly foliated moderately to strongly carbonatized and sericitized gabbro. Up to 10% leucoxene. Very weakly fuchsitic except at vein contacts where alteration is weak to moderate. Note that this section is not silicified. 5 to 10% quartz carbonate dolomite veins.	FX224742	138.60	139.07	.47	TR	-	<.005	24.416
			FX224743	139.07	140.50	1.43	TR	-	<.005	24.416
			FX224744	140.50	141.98	1.48	2	F40	<.005	24.416
			FX224745	141.98	143.40	1.42	TR	-	<.005	24.416
			FX224746	143.40	144.90	1.50	TR	F40	.095	24.558
		141.98 143.40 20 centimetres of irregular quartz carbonate veining with minor pyrite.								
		143.40 144.90 Veins becoming dolomitic. Speck of chalcopyrite.								
144.90	146.48	GABBRO								
		Altered. Pale lime green to pinkish brown weakly fuchsitic gabbro with pervasive carbonate alteration. 20% quartz carbonate veins to 22 centimetres wide with tourmaline needles.	FX224747	144.90	146.22	1.32	2	-	.035	24.604
			FX224748	146.22	146.48	.26	10	C45	24.900	31.078
		146.22 146.48 Sericitized. Brownish green very soft very fine grained waxy feeling intensely sericitized fuchsitic gabbro cut by quartz carbonate vein with tourmaline. 10% coarse								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		grained metamorphic pyrite. Very schistose. Sharp lower contact to vein.								
146.48	146.93	VEIN Quartz vein with irregular patches of carbonate , fine needles of tourmaline and stylolites. minor pyrite. Sharp lower contact.	FX224749	146.48	146.93	.45	TR	C50	2.850	32.361
146.93	148.05	GABBRO Sericitized. Waxy brownish green fuchsitic sericitized gabbro as to 146.48. Very schistose with schistosity warped around quartz veins. 40% quartz carbonate vein stockwork with altered inclusions. Sharp irregular lower contact.	FX224750	146.93	148.05	1.12	4	-	2.980	35.698
148.05	148.84	GABBRO Altered. Pink to buff aphanitic to very fine grained highly silicified carbonatized gabbro. Weakly hematitized looking. This may be an altered quartz feldspar porphyry dike. The different types of alteration may reflect different primary lithologies. Riddled with at least 3 generations of quartz carbonate veins with tourmaline. 5% coarse grained pyrite concentrated along black quartz veinlet.	FX224751	148.05	148.84	.79	5	-	2.180	37.421
148.84	149.91	GABBRO Sericitized. As to 148.05 with irregular zones of pink buff gabbro as above. Riddled with quartz carbonate	FX224752	148.84	149.91	1.07	5	-	.745	38.218

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		veins with tourmaline. Sharp irregular lower contact.								
149.91	150.35	VEIN								
		White and black quartz carbonate tourmaline vein.	FX224753	149.91	150.35	.44	4	-	.915	38.620
150.35	153.75	GABBRO								
		Sericitized. As to 149.91.	FX224754	150.35	150.94	.59	12	F30	4.440	41.240
		150.35 150.94 10 to 15% coarse grained metamorphic pyrite	FX224755	150.94	151.88	.94	4	F30	.175	41.404
		150.94 151.88 40% sericitized and 60% altered as to 148.84. Irregular contacts between two types of alteration. 4% very coarse grained metamorphic pyrite. Different types of alteration may reflect different original lithologies.	FX224756	151.88	153.08	1.20	4	F20	.695	42.238
			FX224757	153.08	153.75	.67	3	C25	.155	42.342
		153.08 153.75 Sharp lower contact at 25 degrees to core axis.								
153.75	154.50	GABBRO								
		Altered. As to 148.84. 25% black smokey quartz carbonate veins. Sharp lower contact.	FX224758	153.75	154.50	.75	TR	C30	.010	42.350
154.50	160.44	GABBRO								
		Altered. Bleached pale pinkish-green weakly fuchsitic	FX224759	154.50	155.75	1.25	TR	F35	.010	42.362
		moderately carbonatized weakly silicified possibly	FX224760	155.75	156.45	.70	TR	-	.020	42.376
		hematitized gabbro. Strongly foliated. Gabbroic texture	FX224761	156.45	158.88	2.43	TR	F35	.015	42.413
		weakly preserved. Locally clots of chlorite stretched	FX224762	158.88	159.30	.42	TR	-	<.005	42.413
		parallel to core axis. Numerous irregular dolomite	FX224763	159.30	160.44	1.14	TR	C25	<.005	42.413
		carbonate veinlets. Minor leucoxene.								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		158.88 159.30 Minor fuchsite alteration at dolomite carbonate vein contacts. 159.30 160.44 Sharp lower contact.								
160.44	163.20	GABBRO Altered. As to 151.88. Fine grained tan pink to brown silicified and carbonatized patchs within stringers of foliated brownish-green weakly fuchsite sericitized gabbro. Large patchs of carbonate dolomite riddled with thin black veinlets of quartz tourmaline chlorite giving brecciated appearance. 161.82 163.20 Sharp lower contact.	FX224764 FX224765	160.44 161.82	161.82 163.20	1.38 1.38	3 TR	- -	<.005 <.005	42.413 42.413
163.20	163.56	VEIN Banded black and white quartz carbonate vein parallel to core axis.	FX224766	163.20	163.56	.36	TR	-	.050	42.431
163.56	164.88	GABBRO Altered. As to 163.20. Foliation parallel to core axis.	FX224767	163.56	164.88	1.32	TR	-	.005	42.437
164.88	167.55	GABBRO Altered. Dusty pink brown fine grained strongly foliated weakly silicified possibly hematitized gabbro with pervasive carbonate alteration. Several quartz carbonate veins and dolomite carbonate veins and patchs. Minor ptygmatic stylolites. 166.38 167.55 Gradational lower contact to dark gray colour.	FX224768 FX224769	164.88 166.38	166.38 167.55	1.50 1.17	TR TR	F40 F45	.005 .020	42.445 42.468

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
167.55	174.50	GABBRO								
		Halo alteration. Light gray bleached moderately carbonatized strongly foliated gabbro. Minor leucoxene. Cut by occasional quartz carbonate vein. Contacts of veins locally sericitized and weakly fuchsitic.	FX224770	167.55	169.18	1.63	TR	F40	.025	42.509
			FX224771	169.18	170.60	1.42	TR	-	<.005	42.509
			FX224772	170.60	172.10	1.50	TR	-	.010	42.524
			FX224773	172.10	173.43	1.33	TR	F30	.040	42.577
		167.55 169.18 10 to 15% quartz carbonate veins to 10 centimetres wide.	FX224774	173.43	174.50	1.07	TR	-	<.005	42.577
		169.18 170.60 5 centimetre pt/gmatic quartz carbonate vein parallel to core axis.								
		172.10 173.43 Hematitized around several fractures.								
		173.43 174.50 12 centimetre quartz carbonate vein with fuchsitic contacts at 25 degrees to core axis. Foliation decreasing in intensity down hole. Gradational lower contact.								
174.50	193.95	GABBRO								
		Mid green gray fine grained to medium grained massive gabbro. Occasional thin dolomite carbonate veinlet. Very homogeneous. 10% leucoxene.	FX224775	174.50	176.30	1.80	TR	-	.005	42.586
			FX224776	176.30	177.75	1.45	TR	-	<.005	42.586
			FX224777	177.75	179.25	1.50	TR	-	<.005	42.586
		189.50 191.00 10% dolomite quartz veining. Slightly bleached contacts.	FX224778	179.25	180.75	1.50	TR	-	.005	42.594
			FX224779	180.75	182.25	1.50	TR	-	<.005	42.594
		191.00 192.45 As above. Contacts weakly fuchsitic. Carbonate veins are parallel to foliation and dolomite veins have no preferred orientation.	FX224780	182.25	183.75	1.50	TR	-	.010	42.609
			FX224781	183.75	185.25	1.50	TR	-	<.005	42.609
			FX224782	185.25	186.60	1.35	TR	F40	<.005	42.609
			FX224783	186.60	188.10	1.50	TR	-	<.005	42.609
		192.45 193.95 Several thin carbonate veins with fuchsitic contacts.	FX224784	188.10	189.50	1.40	TR	-	.035	42.658
			FX224785	189.50	191.00	1.50	TR	-	<.005	42.658
			FX224786	191.00	192.45	1.45	TR	F50	<.005	42.658
			FX224787	192.45	193.95	1.50	TR	-	<.005	42.658

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
193.95	205.60	GABBRO								
		Very weakly altered. Pale lime green gray slightly	FX224788	193.95	195.35	1.40	TR	-	<.005	42.658
		bleached fuchsitic and silicified fine grained to medium	FX224789	195.35	196.85	1.50	TR	F45	<.005	42.658
		grained gabbro. Weakly foliated. Cut by frequent thin	FX224790	196.85	198.25	1.40	TR	-	<.005	42.658
		carbonate veins with patchs of quartz typically parallel	FX224791	198.25	199.75	1.50	TR	-	<.005	42.658
		to foliation at 45 degrees to core axis. Veins locally	FX224792	199.75	201.20	1.45	TR	F45	<.005	42.658
		have fuchsitic contacts.	FX224793	201.20	202.70	1.50	TR	-	<.005	42.658
		204.10 205.60 Gradational lower contact.	FX224794	202.70	204.10	1.40	TR	-	<.005	42.658
			FX224795	204.10	205.60	1.50	TR	F60	<.005	42.658
205.60	222.20	GABBRO								
		As above. Weakly altered but bleached gray in colour	FX224796	205.60	207.03	1.43	TR	-	.005	42.665
		with no lime green fuchsitic alteration. Minor	FX224797	207.03	208.53	1.50	TR	-	.050	42.740
		leucoxene. Only a few carbonate veins.	FX224798	208.53	210.00	1.47	TR	-	<.005	42.740
		205.60 207.03 2 centimetre quartz vein with fuchsitic	FX224799	210.00	211.50	1.50	TR	-	.005	42.747
		contacts.	FX224800	211.50	213.06	1.56	TR	-	<.005	42.747
		215.96 217.40 10% very irregular quartz carbonate veins.	FX224801	213.06	214.56	1.50	TR	-	<.005	42.747
		217.40 218.85 As above. 5 millimetre carbonate vein	FX224802	214.56	215.96	1.40	TR	-	<.005	42.747
		parallel to core axis microfaulted 8 times	FX224803	215.96	217.40	1.44	TR	F48	<.005	42.747
		over a span of 20 centimetres.	FX224804	217.40	218.85	1.45	TR	-	<.005	42.747
		218.85 222.20 10% quartz carbonate vein veining.	FX224805	218.85	220.32	1.47	TR	-	<.005	42.747
		Foot of hole.	FX224806	220.32	222.20	1.88	TR	-	<.005	42.747

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	: Fort Knox J.V.	LATITUDE	:N 9610.0 M	NTS SHEET #	: 52-F-4	STARTED	: 02-12-87
PROPERTY	: Penn	DEPARTURE	:E 10200.0 M	TOWNSHIP	:	COMPLETED	: 02-16-87
BOREHOLE	: BH 70466	ELEVATION	: 337.0 M	PROVINCE	: Ontario	MEASUREMENTS	: M
AZIMUTH	: 175.0	BL AZIMUTH	: 85	COUNTRY	: Canada	DRILLED BY	: Wynne
DIP	: -45.0	GRID BEARING	:	CLAIM #	: K 638450	DRILL TYPE	: Super LY 38
DEPTH	: 269.4 M	LOGGED BY	: M. Dudar	GRID NAME	:	TEST METHOD	: Acid
				CORE SIZE	: BQwl	ASSAYED FOR	: Gold

COMMENTS : Collar is 115 m east & 50 m south of post #4.

LEFT IN HOLE:7.94 m of BW casing + casing shoe.

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
7.92		-44.50	121.92		-40.50	243.84		-34.00			
60.96		-42.50	182.88		-38.50						

**********DESCRIPTION**********

FROM M	TO M	DESCRIPTION
.00	7.92	OVERBURDEN Casing in overburden.
7.92	13.99	GABBRO Dark green to green with 40% white feldspathic crystals. Medium grained to coarse grained, crystalline texture, (leopard skin). Massive, equigranular. Homogeneous. 5% chloritic quartz carbonate veins and stringers. Moderately hard. 12.27 13.99 Locally pink to brown hematitic staining in feldspathic stringers and blebs. Sharp irregular lower contact.

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX222080	7.92	9.41	1.49	TR	-	<.005	.000
FX222081	9.41	10.78	1.37	TR	-	<.005	.000
FX222082	10.78	12.27	1.49	TR	-	<.005	.000
FX222083	12.27	13.99	1.72	TR	F74	<.005	.000

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
13.99	17.21	LAMPROPHYRE								
		Dike. Dark green to green - gray. Fine grained, massive, with 5% medium grained mafic clots. Trace to 2% quartz carbonate stringers and veinlets with 5% iron carbonate. Calcareous. 1 to 2% subhedral to cubic pyrite. 3% fine grained, gray leucoxene.	FX222084	13.99	15.46	1.47	2	-	<.005	.000
			FX222085	15.46	16.16	.70	3	-	<.005	.000
			FX222086	16.16	17.21	1.05	TR	-	<.005	.000
		13.99 15.46 2% subhedral pyrite in and adjacent to quartz carbonate veinlets.								
		15.46 16.16 3% pyrite crystals as cubes, subhedral, and stringers replacing quartz carbonate stringers.								
		16.16 17.21 Pervasive rusty red brown hematitization.								
17.21	17.61	FAULT								
		Muddy feldspathic and mafic gouge. Slightly lithified. Very soft.	FX222087	17.21	17.61	.40	TR	-	.005	.002
17.61	27.01	LAMPROPHYRE								
		17.61 18.92 Locally slightly bleached. 1% subhedral pyrite adjacent to quartz carbonate veins with iron carbonate stringers.	FX222088	17.61	18.92	1.31	1	-	<.005	.002
			FX222089	18.92	20.35	1.43	1	-	<.005	.002
			FX222090	20.35	21.62	1.27	1	-	<.005	.002
		18.92 21.62 1% subhedral and cubic pyrite.	FX222091	21.62	23.05	1.43	1	-	.005	.009
		21.62 24.57 1% scattered subhedral pyrite.	FX222092	23.05	24.57	1.52	1	-	<.005	.009
		24.57 25.33 Gradational contact.	FX222093	24.57	25.33	.76	1	F40	<.005	.009
		25.33 27.01 Altered. Slightly bleached. 10% composite chloritic quartz carbonate veins and stringers parallel and cross cutting. 7% iron carbonate as stringers and blebs. 3%	FX222094	25.33	27.01	1.68	TR	F39	<.005	.009

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		yellow leucoxene.								
27.01	29.16	GABBRO Dark green to green with 40% feldspathic white crystals. Medium grained to coarse grained. Massive and equigranular. Locally a light red hematite stain is found along fractures and in the feldspar. 10% chloritic composite quartz carbonate veins. 5 to 7% iron carbonate blebs. Homogeneous. 28.95 29.16 Gradational contact.	FX222095 FX222096	27.01 28.95	28.95 29.16	1.94 .21	TR TR	- F30	<.005 <.005	.009 .009
29.16	29.78	GABBRO Locally altered. Bleached. Light gray green, fine grained with medium grained stringers of mafic fragments. Well foliated. 10% stretched and boudinaged quartz carbonate stringers and veinlets. 10% iron carbonate stringers. 2% yellow leucoxene. 2% subhedral to cubic pyrite. Moderately hard.	FX222097	29.16	29.78	.62	2	F30	<.005	.009
29.78	33.12	LAMPROPHYRE Dark gray green. Fine grained to medium grained. Slightly foliated with stretched black mafic fragments. 10% brown hematite staining. Calcareous. Trace quartz carbonate veinlets. 1 to 2% subhedral to cubic pyrite. Locally rusty. 2% tan to yellow leucoxene. Silicified. Hard. 29.78 33.12 Locally rusty pyrite.	FX222098 FX222099	29.78 32.18	32.18 33.12	2.40 .94	2 1	F43 F32	<.005 .005	.009 .014

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
33.12	33.68	LAMPROPHYRE								
		Altered, slightly bleached. Light green gray. Fine grained with 10% dark gray mafic clots. Slightly foliated. 5% anastomosing quartz carbonate veinlets and stringers.	FX222100	33.12	33.68	.56	TR	-	<.005	.014
33.68	37.70	GABBRO								
		Dark green to green with 50% white feldspar. Medium grained to coarse grained, massive and equigranular. 5% chloritic quartz carbonate veinlets stringers. 3% yellow leucoxene. Homogeneous.	FX222101	33.68	35.09	1.41	TR	-	<.005	.014
			FX222102	35.09	36.48	1.39	TR	-	<.005	.014
			FX222103	36.48	37.70	1.22	TR	-	<.005	.014
		33.68 35.09 Locally 3 centimetre thick composite vuggy quartz carbonate vein.								
		35.09 36.48 Phase of gabbro. 10 centimetre thick band of silicified feldspar. Locally pale red with cross cutting quartz carbonate stringers. Locally pitted and soft. Very rubbly.								
		36.48 37.70 Pervasive hematite staining. Very pitted. Soft.								
37.70	41.00	FAULT								
		Very altered. Chloritic muddy fault gouge. Blue green to tan. Locally lithified, with altered tan leucoxene, and pale blue feldspar. Very soft. Locally well foliated. 20% iron carbonate. Very rubbly.	FX222104	37.70	38.66	.96	TR	F33	.005	.019
			FX222105	38.66	40.72	2.06	TR	F33	.005	.029
			FX222106	40.72	41.00	.28	TR	-	<.005	.029
		40.72 41.00 Consolidated.								
41.00	41.85	GABBRO								
		Dark green to black with light green matrix. Medium	FX222107	41.00	41.85	.85	TR	F55	<.005	.029

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		grained to coarse grained. Pitted. Slightly foliated. 1% quartz carbonate stringers. 2% tan leucoxene. Very soft. Sharp contact.								
41.85	44.67	GABBRO								
		Slightly silicified weakly altered. Gray green with 20% chloritic quartz carbonate veinlets, stringers and stretched blebs. Slightly foliated. Fine grained to medium grained. 2% tan leucoxene. Moderately hard to hard 41.85 43.71 Feldspathic stringers and veinlets parallel to core axis. 1% cubic and subhedral pyrite.	FX222108	41.85	43.10	1.25	TR	-	<.005	.029
			FX222109	43.10	43.71	.61	1	-	<.005	.029
			FX222110	43.71	44.67	.96	1	-	<.005	.029
44.67	46.90	GABBRO								
		Slightly altered and bleached. Gray to light gray with 30% white feldspar. Medium grained and massive, (leopard skin) texture. Boudinaged quartz carbonate veinlets and stringers. Calcareous. 2% tan leucoxene.	FX222111	44.67	46.90	2.23	TR	-	<.005	.029
46.90	48.46	GABBRO								
		Gray to dark gray. Fine grained to medium grained, with 50% composite chloritic quartz carbonate vein 3 centimetres thick parallel to core axis. 5% iron carbonate. 47.13 48.46 Well foliated.	FX222112	46.90	47.13	.23	TR	-	.015	.032
			FX222113	47.13	48.46	1.33	TR	F35	<.005	.032
48.46	52.90	LAMPROPHYRE								
		Slightly altered and bleached. Gray with 5% stretched black chloritic clots. Fine grained. Slightly foliated.	FX222114	48.46	50.16	1.70	TR	F38	.010	.049
			FX222115	50.16	51.57	1.41	TR	F33	<.005	.049

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		10% composite quartz carbonate veins and stringers cross cutting and parallel. 2% tan leucoxene.	FX222116	51.57	52.90	1.33	1	C30	<.005	.049
		50.16 51.57 15% cross cutting and parallel composite quartz carbonate stringers and veinlets.								
		51.57 52.90 1% subhedral and cubic pyrite. Sharp contact.								
52.90	55.91	LAMPROPHYRE								
		Gray to black. Fine grained, massive and equigranular. Calcareous with 1% iron carbonate. Trace to 1% subhedral and cubic pyrite. 1% stretched black mafic clots. 2 to 3% composite chloritic quartz carbonate veinlets and stringers cross cutting and parallel. Moderately hard. Moderately foliated.	FX222117	52.90	53.70	.80	2	C55	.010	.057
			FX222118	53.70	55.31	1.61	1	F58	<.005	.057
			FX222119	55.31	55.91	.60	1	C15	.065	.096
		52.90 53.70 Locally cut by a silicified feldspar porphyry dike parallel to foliation, 5 centimetres thick with 2% pyrite cubes hematitized stringers. Lamprophyre is composed of locally 5% stretched black mafic clots. Sharp contact.								
		55.31 55.91 Poorly foliated. Sharp contact.								
55.91	68.92	FELDSPAR PORPHYRY								
		Pale red to light gray. Fine grained with 2 to 3 millimetre feldspar phenocrysts, locally altered. 5% black mafic clots with 1 to 2% pyrite crystals. 5% quartz carbonate veins and stringers cross cutting and parallel with 2% iron carbonate and 1% pyrite cubes. Feldspar porphyry is locally bleached adjacent to fractures. Moderately hard.	FX222120	55.91	57.31	1.40	2	-	.030	.138
			FX222121	57.31	58.75	1.44	2	-	.020	.167
			FX222122	58.75	60.27	1.52	1	-	.010	.182
			FX222123	60.27	61.76	1.49	1	-	.085	.309
			FX222124	61.76	63.20	1.44	1	-	.015	.331
			FX222125	63.20	64.70	1.50	1	-	.095	.473
			FX222126	64.70	66.06	1.36	1	F26	.010	.487
		55.91 57.31 Mottled pale red to light gray. Trace	FX222127	66.06	67.58	1.52	1	C15	.010	.502

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		chloritic stringers.	FX222128	67.58	68.92	1.34	1	-	<.005	.502
	57.31 58.75	Pale red. Locally bleached adjacent to fractures. Locally muddy fault gouge and broken core. Rusty pyrite.								
	58.75 60.27	Light gray. Slightly pale red. Bleached adjacent to mafic clots and fractures.								
	60.27 61.76	Light gray, slightly pale red. Locally 2 centimetre thick quartz carbonate vein with 1% iron carbonate, 5% chlorite at periphries								
	61.76 63.20	Light gray green. Locally a 2 centimetre thick chloritic quartz carbonate vein with trace tourmaline crystals.								
	63.20 64.70	Light gray green.								
	64.70 66.06	Locally foliated. Slightly sericitized, (sheared?).								
	67.58 68.92	Sharp undulating contact.								
		NOTE: Core from 68.71 to 80.35 m was spilled from boxes..								
68.92	71.82	LAMPROPHYRE								
		Dark gray green. Fine grained with 2% medium grained mafic clots. Calcareous. Massive and equigranular. 3% chloritic quartz carbonate veinlets cross cutting and parallel with 1% iron carbonate. Trace to 1% scattered subhedral and cubic pyrite. Moderately hard.	FX222129	68.92	70.48	1.56	1	-	<.005	.502
			FX222130	70.48	71.82	1.34	1	-	<.005	.502
		70.48 71.82 Sharp contact.								
71.82	73.02	FELDSPAR PORPHYRY								
		As at 55.91 to 68.92 metres. Hematite staining at	FX222131	71.82	73.02	1.20	2	C90	.035	.544

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		contact. 2% subhedral and cubic pyrite. sharp contact.								
73.02	73.82	LAMPROPHYRE								
		As at 68.92 to 71.82 metres. Stretched mafic clots. Well foliated.	FX222132	73.02	73.82	.80	TR	F64	<.005	.544
73.82	77.71	FELDSPAR PORPHYRY								
		As at 55.91 to 68.92 metres.	FX222133	73.82	75.27	1.45	2	-	.010	.558
		73.82 75.27 2% pyrite crystals in mafic clots.	FX222134	75.27	76.86	1.59	2	-	<.005	.558
		75.27 76.86 Locally hematitic staining.	FX222135	76.86	77.71	.85	2	C75	.930	1.349
		76.86 77.71 Sharp contact.								
77.71	80.00	QUARTZ FELDSPAR PORPHYRY								
		Coarse grained, angular feldspar and quartz phenocrysts in a very fine grained tan to dark green matrix. 5% iron carbonate blebs. calcareous. The porphyry is in sharp contact with a dark green, well foliated lamprophyre. 1% pyrite crystals in the lamprophyre.	FX222136	77.71	78.81	1.10	1	F40	<.005	1.349
		78.81 80.00 50% lamprophyre, locally silicified with 20% quartz carbonate veins up to 3 centimetres thick, locally contorted. sharp contact.	FX222137	78.81	80.00	1.19	TR	C36	<.005	1.349
80.00	84.94	FELDSPAR PORPHYRY								
		As at 55.91 to 68.92 metres.	FX222138	80.00	80.47	.47	TR	-	<.005	1.349
		83.85 84.94 Sharp contact.	FX222139	80.47	82.12	1.65	TR	-	<.005	1.349
			FX222140	82.12	83.52	1.40	TR	-	.020	1.377
			FX222141	83.52	84.94	1.42	TR	C23	<.005	1.377

**********DESCRIPTION**********

FROM M	TO M	
84.94	90.34	LAMPROPHYRE

Dark green, very fine grained to fine grained. Well foliated, with stretched mafic clots. 15% chloritic quartz carbonate veins cross cutting and parallel to foliation. Calcareous. 2% scattered tan leucoxene.

84.94 86.65 Anastomosing quartz vein 15 centimetres thick, slightly calcareous at periphries, cross cuts foliation.

86.65 87.36 10% chloritic quartz carbonate veins 1 centimetre thick parallel to foliation.

87.36 88.86 Poorly foliated.

88.86 90.34 10% anastomosing quartz carbonate vein 3 centimetres thick with chloritic quartz carbonate veinlets and iron carbonate. Sharp contact interupted by quartz carbonate veinlets.

FROM M	TO M	
90.34	117.04	GABBRO

As at 7.92 to 13.99 metres. Leopard skin texture.

91.76 92.96 5% anastomosing quartz veinlets.

95.87 97.29 5% anastomosing quartz veins 1 centimetre thick cross cutting chloritic quartz carbonate veinlets.

101.80 103.22 10% chloritic - feldspathic stringers.

103.22 104.64 Locally blood red hematite staining in feldspathic stringers and veins.

104.64 106.06 Cut by a 20 centimetre thick lamprophyre dike.

107.48 108.90 3 centimetre thick composite quartz carbonate vein with slate hematite

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX222142	84.94	86.65	1.71	TR	F32	<.005	1.377
FX222143	86.65	87.36	.71	TR	F32	<.005	1.377
FX222144	87.36	88.86	1.50	TR	F35	<.005	1.377
FX222145	88.86	90.34	1.48	TR	C54	<.005	1.377
FX222146	90.34	91.76	1.42	TR	-	<.005	1.377
FX222147	91.76	92.96	1.20	TR	-	<.005	1.377
FX222148	92.96	94.38	1.42	TR	-	<.005	1.377
FX222149	94.38	95.87	1.49	TR	-	<.005	1.377
FX222150	95.87	97.29	1.42	TR	-	<.005	1.377
FX222151	97.29	98.83	1.54	TR	-	<.005	1.377
FX222152	98.83	100.24	1.41	TR	-	<.005	1.377
FX222153	100.24	101.80	1.56	TR	-	.005	1.385
FX222154	101.80	103.22	1.42	TR	-	<.005	1.385
FX222155	103.22	104.64	1.42	TR	-	<.005	1.385
FX222156	104.64	106.06	1.42	TR	-	<.005	1.385
FX222157	106.06	107.48	1.42	TR	-	.005	1.392

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		staining and adjacent alteration halo.	FX222158	107.48	108.90	1.42	TR	-	<.005	1.392
	113.30 114.78	5 centimetre thick anastomosing quartz vein	FX222159	108.90	110.30	1.40	TR	-	<.005	1.392
	116.20 117.04	5% anastomosing quartz carbonate veins 2	FX222160	110.30	111.88	1.58	TR	-	<.005	1.392
		centimetres thick. Sharp contact.	FX222161	111.88	113.30	1.42	TR	-	<.005	1.392
			FX222162	113.30	114.78	1.48	TR	-	<.005	1.392
			FX222163	114.78	116.20	1.42	TR	-	.090	1.520
			FX222164	116.20	117.04	.84	TR	C60	<.005	1.520
117.04	117.99	LAMPROPHYRE								
		Dike. Dark green gray, fine grained with 5% medium grained mafic clots. 10% composite chloritic quartz carbonate vein 5 centimetres thick. Slightly calcareous. 3% pyrite crystals scattered and forming along fractures. Sharp contact.	FX222165	117.04	117.99	.95	3	C55	.015	1.534
117.99	145.99	GABBRO								
		As at 7.92 to 13.99 metres. Leopard skin texture.	FX222166	117.99	119.41	1.42	TR	-	<.005	1.534
	117.99 119.41	10% composite chloritic quartz carbonate	FX222167	119.41	120.91	1.50	TR	-	<.005	1.534
		vein 5 centimetres thick with trace rusty	FX222168	120.91	122.31	1.40	TR	-	<.005	1.534
		staining.	FX222169	122.31	123.81	1.50	TR	-	<.005	1.534
	125.23 126.90	5% anastomosing quartz carbonate veins up	FX222170	123.81	125.23	1.42	TR	-	<.005	1.534
		to 5 centimetres thick with trace iron	FX222171	125.23	126.90	1.67	TR	-	<.005	1.534
		carbonate. Locally hematitic staining and	FX222172	126.90	128.32	1.42	TR	-	<.005	1.534
		chloritic stringers at periphries.	FX222173	128.32	129.64	1.32	TR	-	<.005	1.534
	129.64 131.06	Trace hematite staining. 2 centimetre	FX222174	129.64	131.06	1.42	TR	-	<.005	1.534
		thick composite quartz carbonate vein with	FX222175	131.06	132.60	1.54	TR	-	<.005	1.534
		alteration halo extending 3 centimetres	FX222176	132.60	133.94	1.34	TR	-	<.005	1.534
		into the gabbro.	FX222177	133.94	134.82	.88	TR	-	<.005	1.534
	131.06 132.60	10% composite quartz carbonate vein, very	FX222178	134.82	136.24	1.42	TR	-	<.005	1.534
		contorted, 2 centimetres thick with 3	FX222179	136.24	137.66	1.42	TR	-	<.005	1.534

**********DESCRIPTION**********

FROM M	TO M	
		centimetre alteration halo and possible chemical front.
132.60	133.94	1.5 centimetre thick composite quartz carbonate vein with tourmaline crystals at periphry. 6 Centimetre thick dark green alteration halo. Trace hematite stain adjacent to vein.
133.94	134.82	quartz flooded alteration zone. Contorted composite quartz carbonate veins approximately up to 10 centimetres thick with stringers and veinlets. Dark green alteration halo with possible chemical front. Trace pyrite in halo.
134.82	136.24	50% altered gabbro halo surrounding composite quartz carbonate veins and stringers. Distinct contact between alteration and gabbro with alteration having relic texturing. Possible chemical front.
139.08	142.23	15% 5 centimetre altered gabbro halo with chemical front, adjacent to 2 centimetre thick composite quartz carbonate vein. 5% iron carbonate.
143.65	144.97	5% white feldspathic bleb 5 centimetres thick.
144.97	145.99	Altered gabbroic stringer 1 centimetre thick parallel to core axis.
145.99	162.06	GABBRO
		Altered. Dark gray green to gray with stretched mafic and feldspar crystals. Well foliated. Locally folded.

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX222180	137.66	139.08	1.42	TR	-	<.005	1.534
FX222181	139.08	140.50	1.42	TR	-	<.005	1.534
FX222182	140.50	142.23	1.73	TR	-	<.005	1.534
FX222183	142.23	143.65	1.42	TR	-	<.005	1.534
FX222184	143.65	144.97	1.32	TR	-	<.005	1.534
FX222185	144.97	145.99	1.02	TR	C30	<.005	1.534
FX222186	145.99	147.47	1.48	1	-	<.005	1.534
FX222187	147.47	148.40	.93	TR	F44	<.005	1.534

**********DESCRIPTION**********

FROM M	TO M	
		Fine grained to medium grained. 15% composite quartz carbonate veins, locally contorted with boudinaged veinlets and wispy stringers, parallel to foliation. 5% iron carbonate. Locally slightly altered stretched fragments of gabbro. Locally silicified. 2 to 3% tan to yellow leucoxene. Trace to 1% blebby pyrite. Moderately hard to hard.
145.99	147.47	1% blebby pyrite. Slightly contorted and folded.
147.47	148.40	10% composite chloritic veinlets and stringers parallel and cross cutting foliation.
148.40	149.25	Lower gradational contact with gabbro at 30 degrees. Poorly foliated. Fragments of unaltered gabbro.
149.25	150.35	2% altered gabbroic stringers.
150.35	150.91	40% altered gabbro halo surrounding composite chloritic silicified feldspathic vein 1.5 centimetres thick parallel to core axis and stringers.
150.91	152.33	Locally hematitic staining in feldspathic stringers and lenses.
153.97	155.39	Locally altered gabbroic halos adjacent to hematitic quartz carbonate veinlets.
156.96	158.38	Locally 3 centimetre thick anastomosing quartz carbonate vein with chloritic contacts and 1 centimetre thick alteration halo. Feldspathic stringer parallel to foliation.
158.38	159.71	Locally chloritic quartz carbonate vein in broken core.
159.71	161.11	Locally slightly altered.

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX222188	148.40	149.25	.85	TR	-	<.005	1.534
FX222189	149.25	150.35	1.10	TR	-	<.005	1.534
FX222190	150.35	150.91	.56	TR	-	<.005	1.534
FX222191	150.91	152.33	1.42	TR	-	.010	1.548
FX222192	152.33	153.97	1.64	TR	-	<.005	1.548
FX222193	153.97	155.39	1.42	TR	-	<.005	1.548
FX222194	155.39	156.96	1.57	TR	-	<.005	1.548
FX222195	156.96	158.38	1.42	TR	-	<.005	1.548
FX222196	158.38	159.71	1.33	TR	-	<.005	1.548
FX222197	159.71	161.11	1.40	TR	-	<.005	1.548
FX222198	161.11	162.06	.95	TR	C78	<.005	1.548

**********ANALYSES**********

FROM M	TO M	DESCRIPTION
	161.11 162.06	20% altered, silicified gabbroic halo adjacent to 2 centimetre thick anastomosing quartz carbonate vein. Sharp contact with feldspar porphyry dike.
162.06 166.95		FELDSPAR PORPHYRY
		As at 55.91 to 68.92 metres. 1 to 2% finely disseminated pyrite.
	162.06 163.48	Locally dark green alteration halo adjacent to composite quartz veinlets and stringers.
	165.10 166.15	3% disseminated pyrite and blebs.
	166.15 166.95	15 centimetre thick composite chloritic quartz carbonate vein with altered dark green feldspar porphyry halo extent unknown because of broken core. Sharp contact between quartz carbonate vein and gabbro.
166.95 184.20		GABBRO
		As at 7.92 to 13.99 metres. Homogeneous, leopard skin texture.
	168.37 169.76	Locally alteration halo adjacent to quartz flooded gabbro.
	171.23 172.65	Trace hematitic staining in fractures.
	172.65 174.01	Trace hematitic staining in quartz carbonate stringers.
	175.43 177.07	Silicified chloritic feldspathic vein 2 centimetres thick with tourmaline crystals at periphries.

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX222199	162.06	163.48	1.42	2	-	.035	1.598
FX222200	163.48	165.10	1.62	1	-	.050	1.679
FX222201	165.10	166.15	1.05	3	-	.015	1.695
FX222202	166.15	166.95	.80	1	-	<.005	1.695
FX222203	166.95	168.37	1.42	TR	-	<.005	1.695
FX222204	168.37	169.71	1.34	TR	-	<.005	1.695
FX222205	169.71	171.23	1.52	TR	-	<.005	1.695
FX222206	171.23	172.65	1.42	TR	-	.005	1.702
FX222207	172.65	174.01	1.36	TR	-	<.005	1.702
FX222208	174.01	175.43	1.42	TR	-	<.005	1.702
FX222209	175.43	177.07	1.64	TR	-	<.005	1.702
FX222210	177.07	178.49	1.42	TR	-	<.005	1.702
FX222211	178.49	179.94	1.45	TR	-	<.005	1.702
FX222212	179.94	181.36	1.42	TR	-	<.005	1.702

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		177.07 179.94 Hematitic stained silicified feldspathic vein 1.5 centimetre thick with tourmaline crystals and alteration halo.	FX222213	181.36	182.78	1.42	TR	-	<.005	1.702
			FX222214	182.78	184.20	1.42	TR	C17	<.005	1.702
		181.36 182.78 15% composite quartz carbonate veins up to 10 centimetres thick with minor alteration halos.								
		182.78 184.20 Gradational contact with altered gabbro.								
184.20	186.31	GABBRO								
		Altered. Light gray, with stretched, medium grained mafic and feldspathic crystals. Calcareous, silicified. Fine grained. Relic texture. 5% silicified feldspathic veinlets. 5% chloritic quartz carbonate stringers. Moderately hard to hard. 2 to 3% scattered tan leucoxene	FX222215	184.20	185.31	1.11	TR	-	<.005	1.702
			FX222216	185.31	186.31	1.00	TR	-	<.005	1.702
		185.31 186.31 Gradational lower contact with gabbro.								
186.31	219.19	GABBRO								
		As at 7.92 to 13.99 metres. Homogeneous, leopard skin texture.	FX222217	186.31	187.65	1.34	TR	-	<.005	1.702
			FX222218	187.65	189.06	1.41	TR	-	<.005	1.702
		186.31 187.65 Dark green alteration halo adjacent to silicified feldspathic boudinaged veinlet.	FX222219	189.06	190.58	1.52	TR	-	<.005	1.702
			FX222220	190.58	192.01	1.43	TR	-	<.005	1.702
		190.58 192.01 Trace dark green alteration halo adjacent to feldspathic stringer.	FX222221	192.01	194.48	2.47	TR	-	<.005	1.702
			FX222222	194.48	195.94	1.46	TR	-	<.005	1.702
		192.01 194.48 Chloritic, silicified feldspathic veinlet approximately parallel to core axis.	FX222223	195.94	196.38	.44	TR	-	<.005	1.702
			FX222224	196.38	198.01	1.63	TR	-	<.005	1.702
		194.48 195.94 5% chloritic quartz veinlets and stringers.	FX222225	198.01	199.34	1.33	TR	-	<.005	1.702
		195.94 196.38 Pale pink 3 centimetre thick silicified feldspathic vein with inclusions of wallrock , hematitic staining, and trace iron carbonate. 2% cross cutting chloritic	FX222226	199.34	200.74	1.40	TR	-	<.005	1.702
			FX222227	200.74	202.39	1.65	TR	-	<.005	1.702
			FX222228	202.39	203.76	1.37	TR	-	<.005	1.702
			FX222229	203.76	205.30	1.54	1	-	<.005	1.702

**********DESCRIPTION**********

FROM M	TO M	
		quartz veinlets with trace pyrite cubes.
196.38	198.01	30 centimetre thick dark green to light gray feldspar porphyry dike, with chill margins.
198.01	199.34	Locally quartz carbonate veinlet with alteration halo. 5% silicified feldspathic stringers.
199.34	200.74	Quartz carbonate stringers with dark green alteration halo.
202.39	203.76	Locally microfaulted feldspathic vein 1 centimetre thick with dark green chloritic alteration halo.
203.76	205.30	4 centimetre thick anastomosing quartz carbonate vein with alteration halo and 1% pyrite cubes replacing calcareous stringers.
205.30	206.73	Feldspathic composite veinlet with alteration halo and hematitic staining.
206.73	208.15	5% chloritic quartz carbonate veins up to 3 centimetres thick with trace hematitic staining and iron carbonate. silicified feldspathic blebs with hematite staining.
208.15	209.58	Locally composite chloritic quartz carbonate stringers with 10 centimetre alteration halo.
209.58	211.10	Feldspathic stringers.
211.10	212.48	Feldspathic blebs with wallrock inclusions.
216.98	218.33	5% silicified feldspathic stringers with dark green alteration halos.
218.33	219.19	5% composite quartz carbonate veins 1 centimetre thick. Sharp upper contact with feldspar porphyry dike.

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX222230	205.30	206.73	1.43	TR	-	<.005	1.702
FX222231	206.73	208.15	1.42	TR	-	.005	1.709
FX222232	208.15	209.58	1.43	TR	-	.005	1.716
FX222233	209.58	211.10	1.52	TR	-	.005	1.723
FX222234	211.10	212.48	1.38	TR	-	.005	1.730
FX222235	212.48	214.00	1.52	TR	-	<.005	1.730
FX222236	214.00	215.37	1.37	TR	-	<.005	1.730
FX222237	215.37	216.98	1.61	TR	-	.005	1.738
FX222238	216.98	218.33	1.35	TR	-	<.005	1.738
FX222239	218.33	219.19	.86	TR	-	<.005	1.738

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
219.19	220.01	FELDSPAR PORPHYRY Dike. Dark gray green with white feldspars phenocrysts. Fine grained. Calcareous stringers. 2% cubic and subhedral pyrite crystals. Lower contact in lost core.	FX222240	219.19	220.01	.82	2	C30	.010	1.747
220.01	239.39	GABBRO As at 7.94 to 13.99 metres. Homogeneous, leopard skin texture.	FX222241	220.01	221.36	1.35	TR	-	<.005	1.747
			FX222242	221.36	222.81	1.45	TR	-	.005	1.754
		221.36 222.81 2 centimetre thick composite quartz carbonate vein parallel to core axis. Trace hematitic staining.	FX222243	222.81	224.30	1.49	TR	-	<.005	1.754
			FX222244	224.30	225.88	1.58	TR	-	<.005	1.754
			FX222245	225.88	227.23	1.35	TR	-	<.005	1.754
		224.30 225.88 Trace pale pink feldspathic veinlet adjacent to quartz carbonate veinlet.	FX222246	227.23	228.73	1.50	TR	-	<.005	1.754
			FX222247	228.73	229.91	1.18	TR	-	<.005	1.754
		231.42 232.92 Locally feldspathic veinlet with dark green alteration halo.	FX222248	229.91	231.42	1.51	TR	-	<.005	1.754
			FX222249	231.42	232.92	1.50	TR	-	.010	1.769
		232.92 238.36 Alteration halos adjacent to composite chloritic quartz carbonate veinlets.	FX222250	232.92	234.37	1.45	TR	-	<.005	1.769
			FX222251	234.37	235.76	1.39	TR	-	.005	1.776
		238.36 239.39 Increasing alteration intensity. Sharply gradational contact to slightly altered basalt unit.	FX222252	235.76	237.23	1.47	TR	-	<.005	1.776
			FX222253	237.23	238.36	1.13	TR	-	<.005	1.776
			FX222254	238.36	239.39	1.03	TR	-	<.005	1.776
239.39	242.15	BASALT Altered. Dark gray to light gray with stretched black mafic clots. Locally foliated. 20% composite chloritic quartz carbonate veinlets and stringers. 2% tan leucoxene. Locally 2% subhedral and cubic pyrite, 1% finely disseminated crystals. Moderately hard.	FX222255	239.39	240.81	1.42	2	F62	.010	1.790
			FX222256	240.81	242.15	1.34	2	C50	.065	1.877
		239.39 240.81 Locally 2% pyrite cubes in composite								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		chloritic quartz carbonate folded basalt.								
		240.81 242.15 Sharp contact with felsite dike.								
242.15	243.71	FELSITE								
		Dike. Dark green, fine grained, massive and equigranular. Homogeneous. 1% scattered pyrite crystals. Sharp upper contact with altered basalt.	FX222257	242.15	243.71	1.56	1	-	.035	1.932
243.71	246.88	BASALT								
		As at 239.39 to 242.15 metres. Sharp contact with felsite dike.	FX222258	243.71	245.20	1.49	TR	C90	.005	1.939
			FX222259	245.20	246.88	1.68	TR	C75	<.005	1.939
246.88	248.21	FELSITE								
		As at 242.15 to 243.71 metres.	FX222260	246.88	248.21	1.33	2	-	.095	2.066
248.21	253.44	BASALT								
		Green to dark green, fine grained with medium grained black mafic clots. Massive, homogeneous. Slightly calcareous. 5% chloritic quartz carbonate veinlets and stringers. 5% composite quartz carbonate veins up to 5 centimetres thick with hematite staining. 1 to 3% pyrite as subhedral and cubic crystals. 2% disseminated pyrite. Moderately hard.	FX222261	248.21	248.89	.68	1	-	.060	2.106
			FX222262	248.89	250.35	1.46	3	-	.010	2.121
			FX222263	250.35	251.75	1.40	4	F60	.045	2.184
			FX222264	251.75	252.78	1.03	2	-	.060	2.246
			FX222265	252.78	253.44	.66	5	-	.025	2.262
		248.21 248.89 5 centimetre thick composite quartz carbonate vein with trace inclusion of wallrock.								
		248.89 250.35 5 centimetre thick composite quartz carbonate vein with 3% iron carbonate and								

**********DESCRIPTION**********

FROM M	TO M	
		orange iron stains. 1% Subhedral and cubic pyrite and 2% finely disseminated crystals.
	250.35 251.75	Locally altered basalt. Light green with stretched mafic clots adjacent to contorted composite quartz carbonate veins and chloritic quartz carbonate veinlets with 10% iron carbonate. Slightly foliated. 2% scattered subhedral and cubic pyrite, 2% finely disseminated crystals.
	251.75 252.78	4 centimetre thick chloritic quartz carbonate vein, locally contorted. 2% disseminated pyrite.
	252.78 253.44	Mottled dark gray to light gray basalt. Slightly altered. 5% subhedral and cubic pyrite.
253.44 258.31	BASALT	
		Altered. Locally dark gray to light gray with stretched black mafic clots. Locally foliated. 20% composite chloritic quartz carbonate veinlets and stringers. 2% tan leucoxene. Locally 2% subhedral cubic pyrite, 1% finely disseminated crystals.
	254.70 255.20	Lensoidal altered basalt fragments up to 5 centimetres long in a very fine grained gray matrix. Slightly foliated. 1% scattered pyrite crystals in matrix.
	255.20 257.59	Locally contorted. Foliated. 6 centimetre thick anastomosing quartz vein with calcareous margins. 10% composite

**********ANALYSES**********

SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
FX222266	253.44	254.70	1.26	3	-	<.005	2.262
FX222267	254.70	255.20	.50	1	F50	<.005	2.262
FX222268	255.20	256.20	1.00	2	F15	<.005	2.262
FX222269	256.20	257.59	1.39	2	F15	.055	2.339
FX222270	257.59	258.31	.72	3	C56	.025	2.357

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		chloritic quartz carbonate veins and boudinaged stringers, with cross cutting stringers. 2% tan leucoxene. 2% scattered subhedral and cubic pyrite.								
		257.59 258.31 Gradational alteration into slightly altered basalt. 20% composite quartz carbonate veins up to 1.5 centimetres thick, locally contorted, with 5% iron carbonate. Locally 3% subhedral and cubic pyrite. Lower contact with basalt is sharp								
258.31	260.70	BASALT								
		As at 248.21 to 253.44 metres. 2% scattered pyrite crystals up to 5 millimetre.	FX222271	258.31	259.76	1.45	2	-	.055	2.436
		258.31 259.76 2% subhedral and cubic pyrite in locally medium grained basalt.	FX222272	259.76	260.70	.94	3	C33	.050	2.483
		259.76 260.70 3% scattered and disseminated pyrite crystals. Sharp upper contact with altered feldspar porphyry dike.								
260.70	261.40	FELDSPAR PORPHYRY								
		Dike. Dark green, fine grained to medium grained with stretched feldspathic and mafic phenocrysts. Up to 4 centimetre thick fragments of wallrock. 20% quartz carbonate veins and veinlets. Calcareous. Foliated. Sharp lower contact with basalt.	FX222273	260.70	261.40	.70	TR	C20	<.005	2.483
261.40	265.04	BASALT								
		As at 248.21 to 253.44 metres. Locally silicified.	FX222274	261.40	262.60	1.20	3	-	.060	2.555

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		261.40 262.60 2% subhedral and cubic pyrite, with 1% disseminated crystals.	FX222275	262.60	263.13	.53	4	-	.005	2.558
			FX222276	263.13	264.05	.92	5	-	.110	2.659
		262.60 263.13 Locally altered, with stretched dark green clots. 10 centimetre blow-outs of chloritic quartz carbonate, with 4% pyrite crystals. Moderately hard.	FX222277	264.05	265.04	.99	2	C10	.020	2.679
		263.13 264.05 Locally silicified, hard, with stretched black mafic clots. 5% subhedral and cubic pyrite up to 5 millimetres.								
		264.05 265.04 Slightly altered. Mottled gray to dark green. Hard. 50% chloritic quartz carbonate folded. Slightly foliated. 2% scattered pyrite. Sharp undulating contact with felsite dike.								
265.04	266.49	FELSITE								
		Dike. Light brown gray. Fine grained with feldspathic phenocrysts. Slightly foliated with faint tan stringers. 4% scattered pyrite crystals as cubes and disseminated. Trace scattered quartz carbonate stringers and chloritic stringers. Large contorted fragments of wallrock. Sharp lower contact with altered gabbro.	FX222278	265.04	266.49	1.45	4	F40	.060	2.766
266.49	269.44	GABBRO								
		Dark gray green. Fine grained with medium grained stringers of feldspathic and mafic crystals. Well foliated. 15% composite chloritic quartz carbonate veins, veinlets and stringers. Calcareous. 2% scattered tan leucoxene. trace to 1% pyrite crystals.	FX222279	266.49	267.94	1.45	2	-	.005	2.773
			FX222280	267.94	269.44	1.50	3	-	.005	2.781
		267.94 269.44 2 centimetre thick composite chloritic								

FROM M	TO M	DESCRIPTION	SAMPLE#	FROM M	TO M	LENGTH M	MIN %	CR ANG	AU PPM	PPM*M
		quartz carbonate vein with 1% cubic pyrite in and adjacent to the vein. 2% finely disseminated pyrite.								
		269.44 Foot of hole.								

107-87

Ministry of Natural Resources
Ontario

Report of Work

HERONRY LAKE G
DOGPAW LAKE G
TWEEDSMUIR M-2023
The Min
Phillipson-2108

53F04NW0122 14 HERONRY LAKE

900

Name and Postal Address of Recorded Holder	Prospector's Licence No.
Canadian Nickel Company Limited	A 17527
Copper Cliff, Ontario POM 1NO	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
3960		SEE SCHEDULE "A"							

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

All the work was performed on Mining Claim(s): K 589479; K 589480; K 638450

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

SEE SCHEDULE "B"

70462	541'
70463	581'
70464	770'
70465	729'
70466	884'
70467	577'
	4082'

drilled

122' remaining on 70467

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE
JUN 17 1987
RECEIVED

KENORA
MINING DIV.
RECEIVED
JUN 4 1987
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Date of Report	Recorded Holder or Agent (Signature)
May 28, 1987	I.D. McCaskill

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying	Date Certified	Certified by (Signature)
I.D. McCaskill, c/o Canadian Nickel COmpany Limited Copper Cliff, Ontario POM 1NO	May 28, 1987	I.D. McCaskill

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment. 727477	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil

768 (81/2)

SCHEDULE "A"

Claim Number	Work Days Cr.	Claim Number	Work Days Cr.	Claim Number	Work Days Cr.	Claim Number	Work Days Cr.
K 727477	40	K 732262	40	K 777529	40	K 777652	40
K 727478	40	K 732263	40	K 777530	40	K 777653	40
K 727479	40	K 758822	40	K 777531	40	K 777654	40
K 727480	40	K 758823	40	K 777532	40	K 777655	40
K 727481	40	K 758824	40	K 777562	40	K 777669	40
K 729246	40	K 758825	40	K 777565	40	K 777670	40
K 729247	40	K 758826	40	K 777566	40	K 777671	40
K 732244	40	K 758827	40	K 777567	40	K 777672	40
K 732245	40	K 758828	40	K 777568	40	K 777673	40
K 732246	40	K 758829	40	K 777569	40	K 777674	40
K 732247	40	K 758830	40	K 777570	40	K 777759	40
K 732248	40	K 758831	40	K 777614	40	K 777760	40
K 732249	40	K 758832	40	K 777615	40	K 777761	40
K 732250	40	K 758833	40	K 777616	40	K 777762	40
K 732251	40	K 758834	40	K 777617	40	K 777772	40
K 732252	40	K 758835	40	K 777618	40	K 777773	40
K 732253	40	K 758836	40	K 777619	40	K 777774	40
K 732254	40	K 758837	40	K 777631	40	K 777775	40
K 732255	40	K 758838	40	K 777632	40	K 777791	40
K 732256	40	K 777519	40	K 777633	40	K 777792	40
K 732257	40	K 777520	40	K 777634	40	K 777793	40
K 732258	40	K 777521	40	K 777635	40	K 777794	40
K 732259	40	K 777524	40	K 777636	40	K 777795	40
K 732260	40	K 777525	40	K 777650	40	K 777796	40
K 732261	40	K 777526	40	K 777651	40		

Total Claims = 99

Total Days Work = 3960

SCHEDULE "B"

BQWL borehole #70462; Angle -45 degrees S
164.9 metres (540.8 ft) drilled on claim K 589479 = 540.8 days

BQWL borehole #70463; Angle -50 degrees S
177.1 metres (581 ft) drilled on claim K 589479 = 581 days

BQ borehole #70464; Angle -45 degrees S
234.7 metres (770 ft) drilled on claim K 589480 = 770 days

BQ borehole #70465; Angle -45 degrees S
222.2 metres (729 ft) drilled on claim K 589479 = 729 days

BQWL borehole #70466; Angle -45 degrees S
269.4 metres (883.9 ft) drilled on claim K 638450 = 883.9 days

BQWL borehole #70467; Angle -45 degrees S
175.9 metres (577 ft) drilled on claim K 589479 = 577 days

Total Credits = 4081.7 days

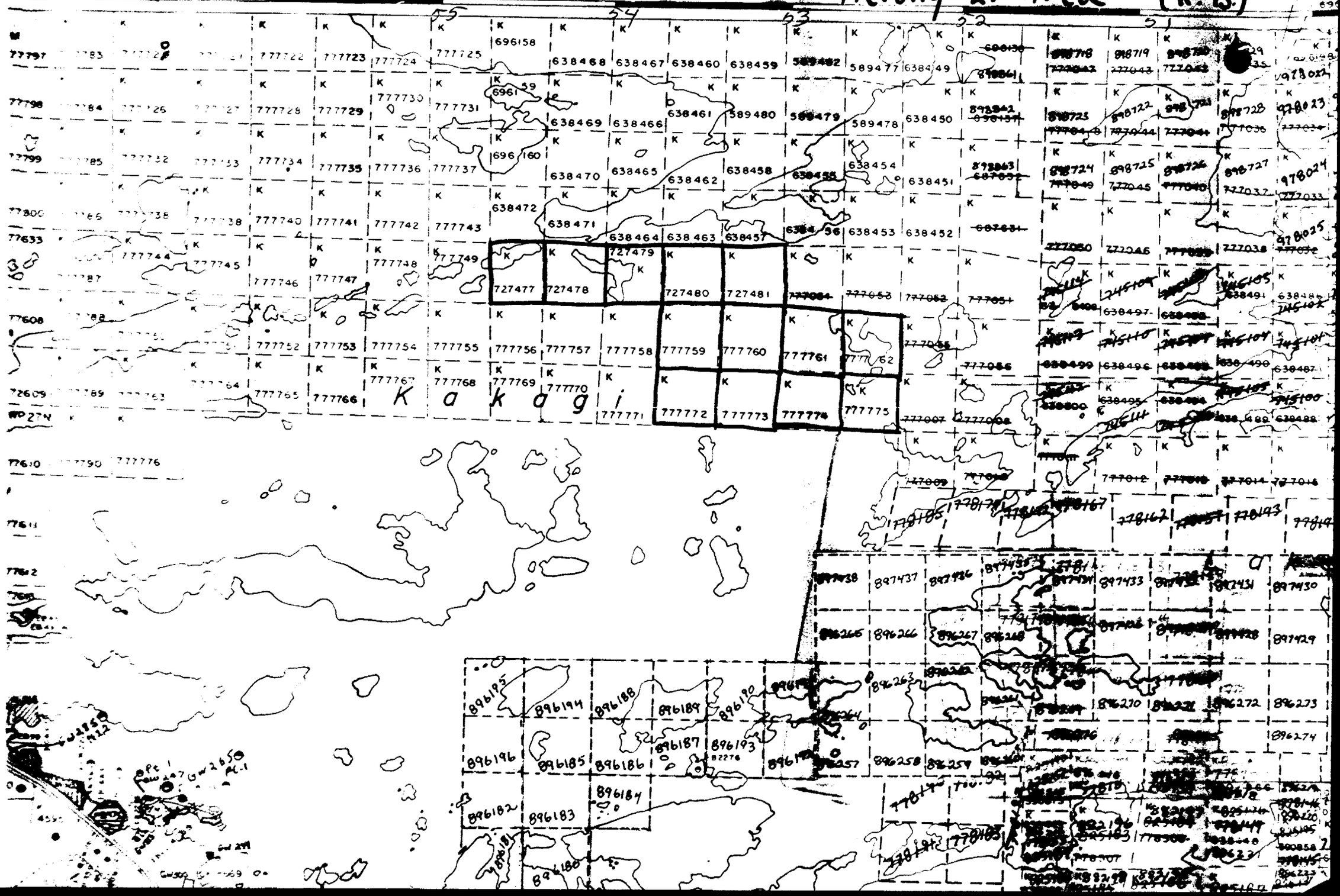
Worked filed as per Schedule "A" 3960 days

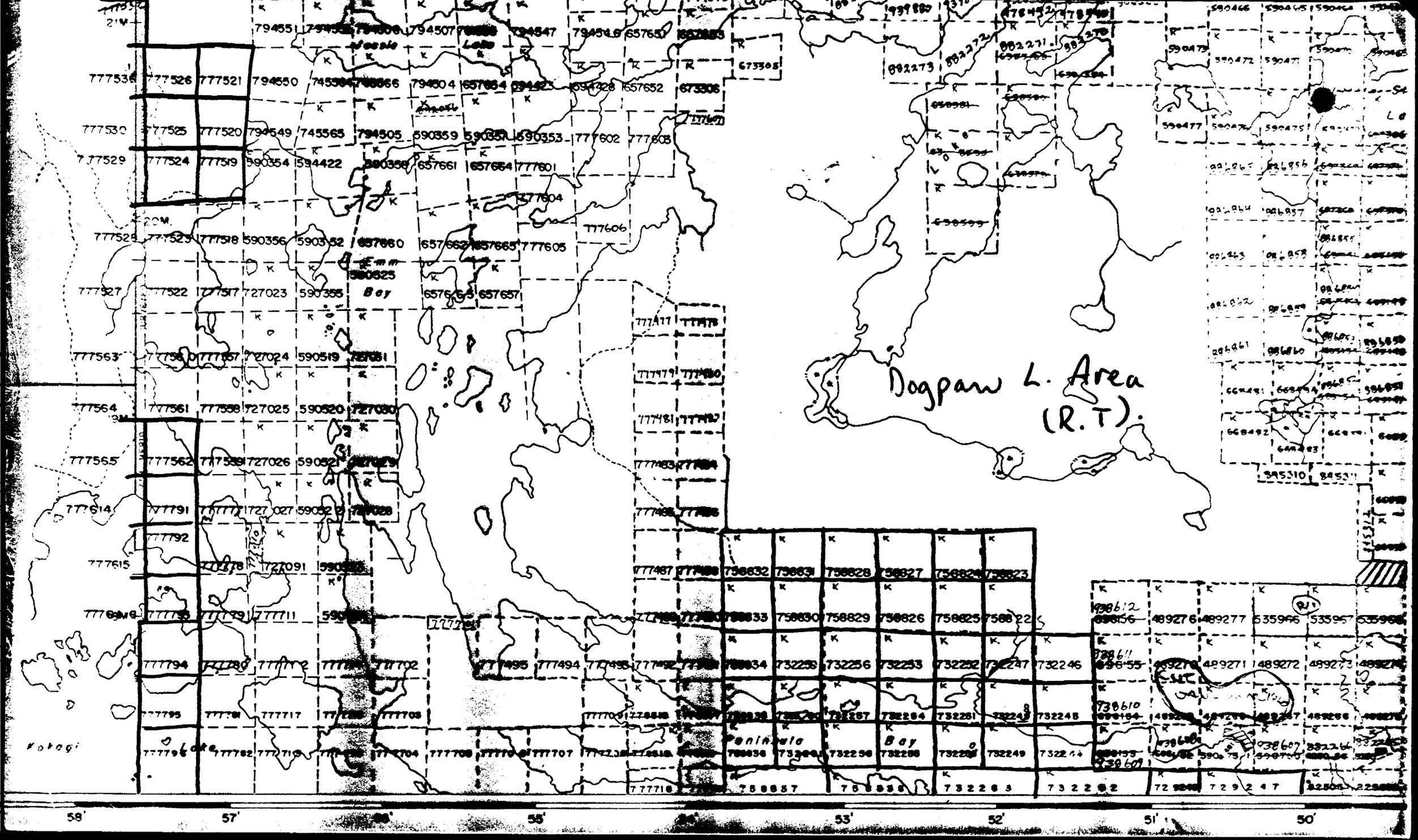
Credits to remain on claim K 589479 from
BH 70467 for future filing = 121.7 days

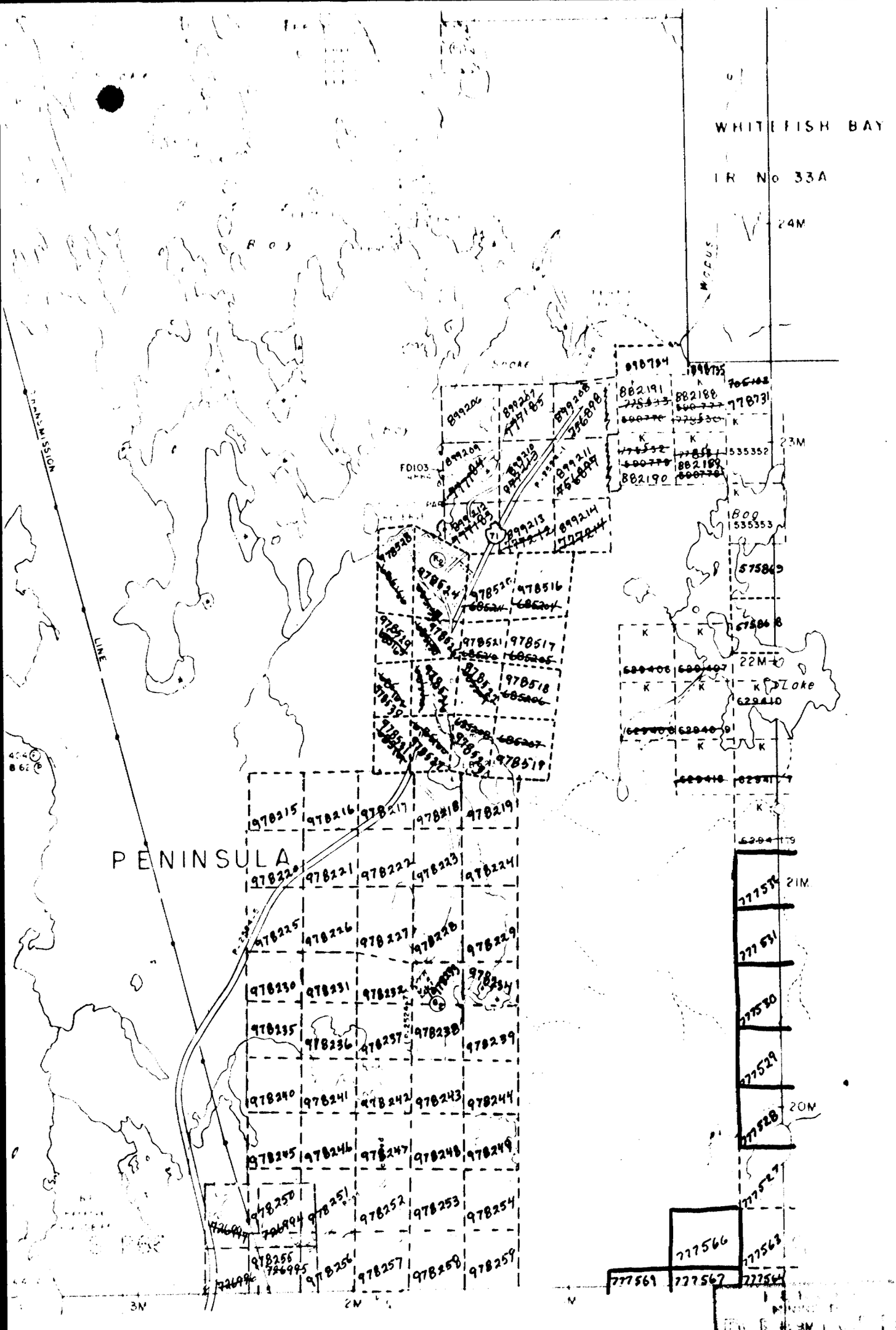
Drilling dates: 70462 - Feb. 6-10, 1987; 70463 - Feb. 11-14, 1987; 70464 - Feb. 14-17, 1987; 70465 - Feb. 18-21, 1987; 70466 - Feb. 12-16, 1987; 70467 - Feb. 17-19, 1987.

Drilled by: 70462, 63, 67 - Ultra Mobile (Hydra-Core 28); 70464, 65 - Ultra Mobile (J.K. Smit 300); 70466 Wynne Diamond Drilling (Super LY 38).

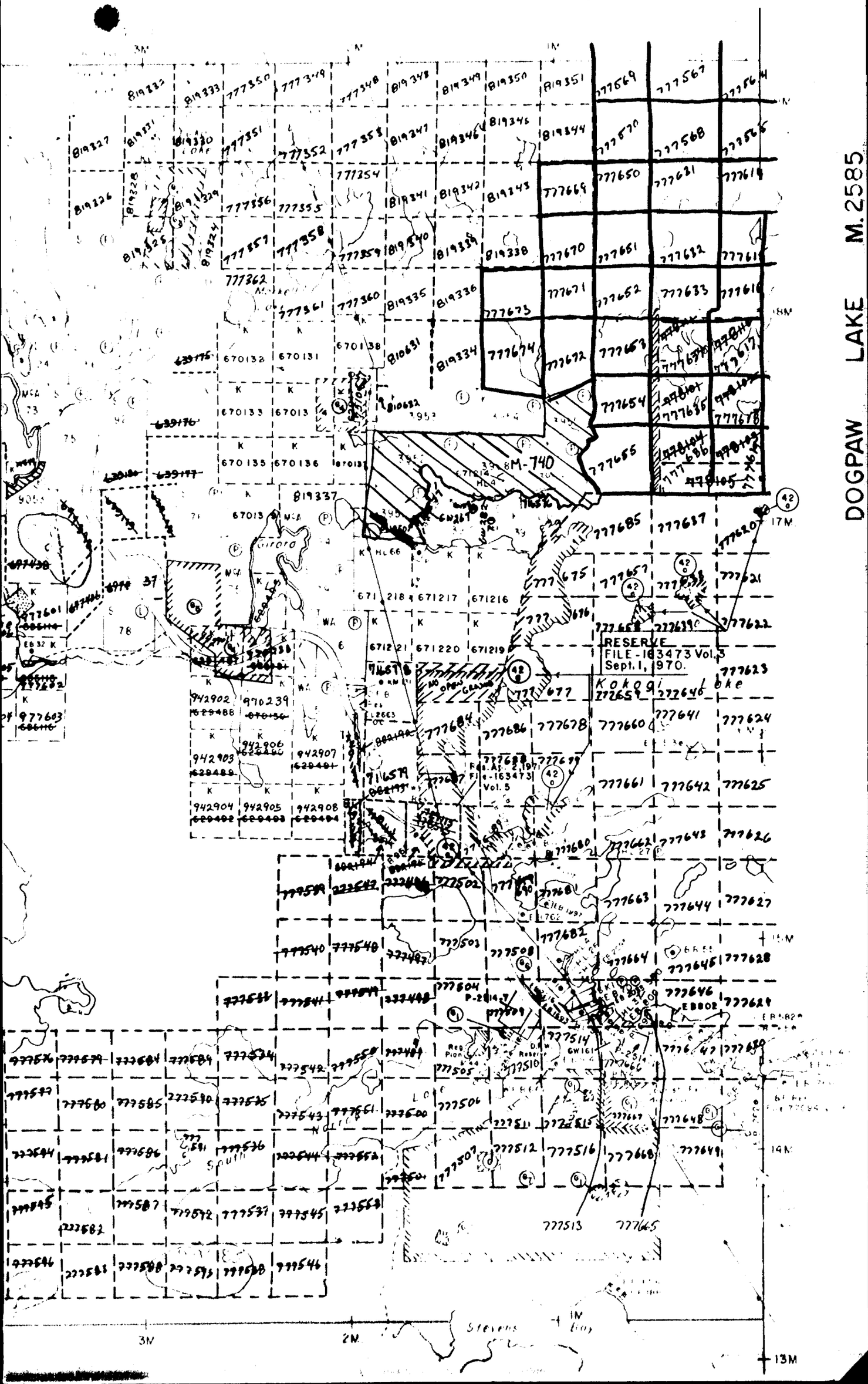
Herony L. Area (R.B.)




Dogpaw L. Area
(R.T).
Bay
Peninsula
Bay
58'
57'
55'
53'
52'
51'
50'



Phillips Twp.

Tweedsmuir Twp.
(L.T.)

Tweedsmuir Twp. M.2023 Phillips Twp. (L.B.)