THE HANNA MINING COMPANY

TO G. Stone
FROM W. A. Rowe
PROJECT Knox mining

DATE 11/17/72
A.F.E. NO. 72-425-3

DRILLING STATUS

SUMMARY

DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
	6		1	2		8002	397

HOLES DRILLED THIS PERIOD

	COORDINATES NE	NW	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
11-1	2200	2725	347	347				Numerous zones of 5-15% Sulfides were observed throughout the whole intercept of 24-347'
	3000	2675	10 - Still	drilling	out			Casing

Dip - 62°
Test - 247' - 56.9°

	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL	8002/115 →	
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT	59	70
TOTAL CORE RECOVERY	99.5	100	AVG. FEET/DRILL SHIFT		
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

SAMPLE STATUS

SAMPLES COLLECTED INTERVAL		SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY PERIOD	TOTAL	SAMPLE RESULTS PERIOD	TOTAL	NOTES
~~22 + 27.25~~							
33 - 47	115-131	~~267 - 273.5~~					
51 - 67	180-185.5	~~299.5 - 315~~					
87 - 91	185.5-199	~~315 - 334~~					
~~103 - 115~~	~~216.5-237~~	~~334 - 347~~					
	237 - 247						

GENERAL DRILLING RESULTS

(COMMENTS)

Total Zone in 11-1 showed numerous intercepts rich in Po + graphite. minor magnetite was noted associated with the graphitic zones. The sulfides, oxides, and graphite combined can explain the EM and Magnetometer anomalies. The zones with highest Po (+5%) were split and sent to Hibbing Lab to check Ni + Cu content. If the Po is high in Ni, the sulfides may be assumed to be the leakage from a down-dip 4B source. If the sulfides are low in Ni, it is assumed they are the results of remobilized syngenetic sulfides. Host rocks consist of Qtz-plag-chlorite (± biotite) granulites and granulitic schists. Minor fibro-Sillimanite was observed in the chlorite masses.

The drill moved to 30 + 26.75 to begin hole 11-2. The drill was setting casing at the time this report was written.

Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

THE HANNA MINING COMPANY

TO: J. G. Stone DATE 11/24/72

FROM: W. A. Rowe A.F.E. NO. 72-425-3

PROJECT: Knox Mining

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	4		1	2		8269	267

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES NE	COORDINATES NW	ADVANCE FT.	DEPTH FT.	INTERSECTION FROM	INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
11-2	3000	2675	267	277	97	190		graphitic granulitic schist w/ 5-15% Po + Py Po/Py ≅ 1/1. No Pn or cp observed
11-3	3400	2650	0	0	—	Drill Just Setup		on pad.

3.	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL	8269/119 →	69'
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT	67'	
TOTAL CORE RECOVERY	100%	100%	AVG. FEET/DRILL SHIFT		
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY: PERIOD	SAMPLES SENT TO LABORATORY: TOTAL	SAMPLE RESULTS: PERIOD	SAMPLE RESULTS: TOTAL	NOTES

5. GENERAL DRILLING RESULTS

(COMMENTS)

Hole 11-2 - initial dip = 51° -
Etch test 277' = 46.25°

The EM Response in 11-2 was explained by the graphitic and sulfidic zone from 97' to 190'. Sulfide content is anomalously high. The vein-type nature of the Po + Py is indicative of either introduced sulfides or remobilized metamorphic sulfides. Small graphitic and sulfidic zones were also encountered from 190 - 277.

The drill was moved and set up on hole 11-3 @ 3400 NE 2650 NW. The drill crew did not work 11/23 or 11/24 Thanksgiving Holliday.

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

THE HANNA MINING COMPANY

TO: J. G. Stone — DATE 12/1/72

FROM: W.A. Rowe - D.E. Wylie — A.F.E. NO. 72-425-3

PROJECT: Knox Mining Corp.

DRILLING STATUS

SUMMARY

1.	DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
	1	7		1	2		8822	553

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES N E	COORDINATES NW	ADVANCE FT.	DEPTH FT.	INTERSECTION FROM	INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
11-3	3400	2650	267	267	42	201		graphitic schist and gneiss. 5-15% Po+Py (Py/Po = 1/1) no cp or Pn observed.
11-4	1800	2750	20	286	26	286		graphitic schist, gneiss, granulite. no pn or cp noted py/po = 1:1 141-188 graph sill gneiss; 12' rexld gab (dike?) at 220'; 5-10% py 5-10% po in gneiss & sch

3.		THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
	CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL	8822/126	
	CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT	63	70
	TOTAL CORE RECOVERY	100%	100%	AVG. FEET/DRILL SHIFT		
	RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

SAMPLE STATUS

4.

Splits	SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED		SAMPLES SENT TO LABORATORY PERIOD	SAMPLES SENT TO LABORATORY TOTAL	SAMPLE RESULTS PERIOD	SAMPLE RESULTS TOTAL	NOTES
Hole: 3400+26.50 (11-3)	15-29	80-100	181-201	Hole 3000+26.75 (11-2)		150.5-170	237-241	
	29-42.5	100-120	215-237	18-28	97-112.5	170-183	241-262	
	42.5-58	120-140	237-246	35-52	112.5-120	183-197		
	58-80	140-160		52-70	120-140.5	217-227		
		160-181		70-97	140.5-150.5	229.5-237		

GENERAL DRILLING RESULTS

5.

(COMMENTS)

Hole 11-3 - a highly conductive graphitic zone was encountered from 42 to 133'. Graphite = 15%. Sulfides = 5-15% veinlets, pods and stringers of Po + Py. A less graphitic zone (5-10% graph) was found from 133 to 201'. Sulfide content of second zone remained anomalous at 5-15% Po with minor Py. No cp or Pn was observed.

Hole 11-4 26 to 296 the schists, gneisses & granulites contained graph 5-10% - locally to 15%. Except for pegmatites & two short sections where sulfide content was less than 5%, all the core contained 5-10%. py was dominant to 40'; po/py were 1:1 to 160' then po became dominant. a section from 211-223 is 60% an altered gabbro & a 2' zone at 273' appears the same. No visible sulfides were noted in the altered gab. po content at 236 became 10-15% & a ¼" to ½" veinpo cuts core at 279'.

Acid tests: 11-3 - 267' = 49.5° - initial Dip 54°

11-4 - 237' = 47.8° - initial Dip 54°

NOTE. Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

Printed in Canada

THE HANNA MINING COMPANY

TO: J. G. Stone — DATE 12/8/72

FROM: W. A. Rowe — A.F.E. NO. 72-425-3

PROJECT: Knox Mining

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	6		1	2		9061	239

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES N	COORDINATES E	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	ORE INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
11-4	1800 NE	2750 NW	81	367	286	353	—	graphitic schist and gneiss 5-15% Po+Py with felted graphite bands- conductive No cp or Pn observed.
96 (Area 5)	1275 N	19 W	158	158	82	106	—	rexld schist w/ local pods + veinlets of Po + cp.
					106	113.5	—	msv Po w/ minor Pn, cp.
					115		—	mafic gabbro w/ 5% diss Po + cp

	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
3. CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL	9061/132 → 39	69
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT		
TOTAL CORE RECOVERY	100%	100%	AVG. FEET/DRILL SHIFT		
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY PERIOD	SAMPLES SENT TO LABORATORY TOTAL	SAMPLE RESULTS PERIOD	SAMPLE RESULTS TOTAL	NOTES

5. GENERAL DRILLING RESULTS

Etch tests - 11-4:
237' - 47.8°
367' - 44.5°

(COMMENTS)

(11-4) graphitic + sulfidic schists and gneiss continued to 353'. The conductive zone does appear to be wider than the EM response indicates.

Three days were lost in moving the drill from An 11 to Area 5. The biggest problem being ice and snow on roads preventing the truck moving the equipment.

(96) - Area 5 — Penobscot s/p schist is highly rexld w/ local veining of Po and cp. local cp flooding over 1/2' intervals. Msv sulfide zone (106 - 113.5) has moderate to strongly magnetic med gr. Po. Minor cp blebs are best com near upper and lower contacts. Tr Pn Notid. The mafic gabbro has a 5% sulfide. average with diss blebs of Po + cp. Numerous Pegmatites cut the sequence.

A short delay was caused by rods twisting off at 158 - The rods were recovered.

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

Printed in Canada

Date Submitted 12-12-72
Date Reported 2-1-73

AN 1

Sample Submittal/Report Form
Hanna Research Lab

Project 1116-145
Submitter L. H.

Lab No.	Sample No.	Sample Description	Requested Analyses (Please Check) % Wt. Fe	Ni	Co	Cu	S
	(34-26.75)						
26	11-3 AN 1	15-29		.009	.007	.007	1.78
27		29-42.5		.014	.007	.011	2.89
28		42.5-58		.014	.011	.009	1.78
29		58-80		.023	.011	.018	3.24
30		80-100		.020	.011	.015	3.21
31		100-120		.020	.007	.013	2.70
32		120-140		.017	.011	.013	2.86
33		140-160		.017	.011	.013	3.40
34		160-181		.017	.011	.013	3.18
35		181-201		.014	.011	.015	1.51
36		215-237		.011	.007	.007	1.16
37		237-246		.011	.011	.011	1.75

AN

Date Received: 12-18-72
Date Reported: 2-2-73

Sample Submitted: Bureau Farm
Kansas Research Lab

Project: 646-145
Submitted: LM

Lab No.	Sample No.	Sample Description	Reported Analyses (Percent Dry Soil)			
			Ni	Co	Cu	S
55	11-4 AN	39-57	.013	.018	.011	2.25
56	"	57-69	.016	.014	.013	1.99

Date Submitted 12-21-72
Date Reported 2-2-73 AN 11

Sample Submittal/Report Form
Hanna Research Lab

Project 6446-145
Submitter E.H.

Lab No.	Sample No.	Sample Description	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S
57	AN 11 11-4 (18+17.5)	69-80.5		—	—	—	—
58	"	80.5-88.5		.024	.018	.018	2.98
59	"	88.5-110		—	—	—	—
60	"	110-132		.024	.018	.016	3.01
61	"	132-147		—	—	—	—
62	"	147-161		.024	.018	.016	3.06
63	"	164-187.5		—	—	—	—
64	"	187.5-200		.019	.011	.015	3.28
65	"	209.5-218.8		—	—	—	—
66	"	311-332.5		.013	.014	.015	2.74
67	"	332.5-353.5		—	—	—	—
				.013	.011	.013	1.13
				—	—	—	—
				.019	.018	.011	0.97
				—	—	—	—
				.013	.011	.011	1.50
				—	—	—	—
				.024	.014	.007	0.43
				—	—	—	—
				.024	.014	.015	2.52
				—	—	—	—
				.029	.018	.016	3.17

AN 11

Date Submitted 12-22
Date Reported 2-2-73

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145
Submitter LM

Lab No.	Sample No.	Sample Description	Requested Analyses (Please Check) % Wt.							
			Fe$_T$	NI	CO	Cu	S			
79	11-4 AN 11	200-209.5		—	—	—	—			
				.016	.007	.013	2.36			
80	11	218.8-239		—	—	—	—			
				.018	.013	.014	2.58			
81	11	239-259		—	—	—	—			
				.018	.020	.018	2.58			
82	11	259-271		—	—	—	—			
				.021	.017	.018	3.28			
83	11	271-291		—	—	—	—			
				.013	.013	.016	2.63			
84	11	291-311		—	—	—	—			
				.016	.010	.016	2.90			

(40) done

E-37

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole EDA-37
Logged by H.M. Parker
Date 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12006	1971	2217	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Sample	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0-20	01	till	12006 1971									
		0-19.6' overburden - glacial till										
	19.6	19.6-86 pegmatite		26.5	31.5		0.959	0.541	0.088	0		
		ksp, plag, qtz, bio, musc; qtz-epi alt @ 56-57										
		gen barren except: 26.5-31.5 15% sulfides vn, dissem		50.0	56.0		1.658	0.699	0.154	0		
20-48		49-55.5 msv										
	48 04	75-83.5 msv		75.0	84.0		1.918	0.459	0.161	5.24	32.11	6.44 0.47 0.18 0.04
48-60	05	Have mg weak mag (loc mod) po, cp as segs, loc		84.0	89.0		0.207	0.050	0.037	0		
60-78	04	highly conc, plag, gar, chl incls; peg in bio rich near										
		sulfide contacts										
	78	(27.4-29.5, 48.3-50.0, 57.8-60.0 - core loss)										
78-86	05	86-118 m-cg gabbro		89.0	94.0		0.156	0.069	0.014			
	86 86	30-50% plag inst patches, laths, 30-40% antho/cumm		94.0	104.0		0.097	0.069				
86-118	021	large patches, pale grn and brn, 10-15% hbl intergrown		104.0	114.0		0.089	0.037				
		with cumm, antho, small clots, 5-10% bio segs		114.0	124.0		0.199	0.088				
		2-3% sulfides, blebs and dissem, ocals vns, mod.										
		mag, cp as tiny blebs in po										
	118	118-187 fg gabbro										
		60-70% plag (smaller xtls than amphibolas) and 20-30%										
118-187	021	cumm or antho as patches, 10% bio segs, 5-10% hbl										
		clots, loc peg vns, sch incls										
		1% rare sulfides, blebs, vns esp. near top,										
		mod-strong mag										
		187-201 sch incls, gabbro, sulfides, peg		189.0	194.5		0.996	0.428	0.073			
		50% mt bio (graph) sch incls, 20% fmg hybrid gab;		194.5	199.5		0.309	0.163	0.037			
	187	60% plag, 20% cumm/antho yellgrn, 10% hbl small										
187-201	025	clots, 10% bio segs slightly fol, 10% peg - bio gab near by										
Footwall	201	20% sulfides, vns, mod mag fg po										
		(196.6-198.2 core loss)										
201-230	03	201-228 schist										
		plag, bio, qtz, psuedosilli - contorted and marbled										
	228 230	text, plag-qtz segs, 40-50° avg fol										
		228-230 lost										

E-38 Run 2

(42)

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-38 Run 2
Logged by: H. M. Parker
Date: 1972
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12104	2108	2168	90	

Depth (1" = 40')	Depth	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0-16	01	till	0-15.5 overburden - glacial till	12104	2108									
16-32	021	mcg cumm gab	Ax Core Below											
32-41	021	mg cumm gab	15.5-32 m-c g cumm gabbro (loc eucritic)			26.0	31.0		0.293	0.289	0.014			
			60-65% plag asic, some patches, 25% cumm patches, few			31.0	36.0		0.045	0.050	0.007			
41-60	05	msv sulf gab-sch	traces of bz, 10-15% aug inst segs, loc chl alt, cg											
			loc plag - aug segs, good ig tex in general											
			26-30 3% sulfide blebs cp/po = 1:3, cp, po											
60-80	04	gab-sch, peg	occur together in blebs, some tiny cp blebs in po, po rs											
			m g strong mag											
80-90	021	mg gab	gradational contact over 2"											
90-98	022	mg eucr. gab	32-40.5 mg cumm gabbro			36.0	41.0		0.211	0.157	0.022			
98-144	021	f-mg cumm gab	65% plag asic-patchy, some repl by cumm, 25% cumm											
			patchy intergrowths w plag, 10% hbl clots, few intergrowths											
			w cumm, loc rextz zones have plag, bio segs, loc peg											
			vn											
			1% mod mag po-cp blebs, stringers											
144-155	021	fg cumm gab	40.5-45 msv sulfides			41.0	46.0		1.398	0.447	0.103	3.84	23.19	
			90% f-mg po, non mag, cp blebs in po, loc stringers											
155-165	025	sch. incl	esp near peg, loc peg; plag bio gar qtz, chl (plag),											
165-171	05	msv sulf gab	gar incls in sulfide											
171-212	021	fg cumm gab	45-60 fg gabbroized sch or contaminated gabbro			46.0	51.0		0.813	0.220	0.029	1.00	1.10	0.33 0.07
			70% cumm, bio, 30% plag, loc gar, chl, antho, loc			51.0	56.0		0.463	0.245	0.014			
			schinds, graph.			56.0	61.0		0.301	0.138	0.029			
			25% sulfides, dissem blebs, vns, vnlts, f mg po non-											
			mag-weak mag, cp as blebs-stringers											
212-220	024	Hybrid gn	60-80.5 gabbroized sch, contaminated gab, granodiorite-			61.0	66.0		0.390	0.069	0.059			
			gneissic peg; 50% gab sch, and contam gab, 50%											
220-240	03	sch	granodioritic gn-peg 75.5-77.5 mafic gabbro w											
			bio segs; 45% plag, 25% cumm, 15% bio (repl hbl											
			near peg, 15% aug-hbl											
			3% sulfides, mod mag po vns											
			80.5-90 mg gabbro (loc f mg)			85.0	100.0		0.247	0.265	0.029		3.62	
			65% plag and 25% cumm/antho as patchy tex.			100.0	115.0		0.149	0.089	0.021		2.19	
			10% bio, tr-2,3% hbl segs-clots; top 2' is mafic			115.0	130.0		0.086	0.117	0.014		1.43	
			gabbro w same general composition as 75.5-77.5											
			8% sulfides - msv vns assoc w schinds											

E38Run 2

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA 38 Run 2
Logged by H.M. Parker
Date 1972
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,210.4	210.8	2,161.8	90	

Depth (1"=40') 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
90-98 mg cumm gabbro (loc f-m)	1,210.4	210.8									
60% plag, basic and patchy, 15-20% cumm diffuse patches											
10-15% bz poik, 10% aug clots (some hbl), fg											
rextz zones w no bz, loc bio plag rextz segs											
3% sulfide vns, blebs, mod mag											
98-143.5 fmg gabbro (loc fg)											
65% plag, and 25% cumm (Hyco) patchy, 10% blk hbl, loc											
rextz to mg, loc glz, bio, graph, mt schinds, 132-											
137 fractured zone; talc, hbl clay alt, locarb vns,											
epi, Fe oxides, fg py											
3% sulfides, mod strong mag assoc w schinds,											
some vns.											
143.5-155.5 fg cumm gabbro											
60% plag and 20% cumm as patchy intergrowths, 10%											
hbl? subophi clots, 10% bio segs, loc mt graph sch											
inds											
2% sulfides, blebs, assoc w schinds											
155-165 schincl			1,561.0	1,610		0.215	0.094	0.014	0	0	
graph, plag, bio sch-gn, rextz, qtz blebs, loc gar,			1,611.0	1,661.0		0.618	0.504	0.029	0	0	
loc chl-muse sch, loc gypsum in alt sulfide vn											
10% sulfide vns, strong mag po, cpas separate											
vns and segs w po											
165-171 msv sulfide veins			1,661.0	1,710		1.044.0	0.283.0	0.044	0	0	
70%; mod strong mag cg po, cpas rare segs.											
fg gabbro as below, pyramidal qtz inds, some plag											
in the sulfides											
171-212 fg cumm gabbro											
60-65% plag-basic, 15-20% cumm patches, 10%											
hbl clots, 5-10% bio segs, loc rextz bio-plag, w											
inis; prob anthi? 195 to bottom sch inds common:											
bio, chl, musc, plag, loc graph mt, loc mt-plag vns											
1-2% sulfides, strong mag assoc w schinds											
212-219.5 Hybrid - gneiss											
granodiorite-gn, gabbroized (cumm-bio) sch, few											
fg gabbro dikes											
219.5-235 schist											
bio, chl, garnetiferous (pseudosilli), plag, qtz, plag-qtz segs, loc granodioritic											

5-40

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-40
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11808	1761	2306	90	

Depth (1" = 40') | % Sulfide (visual) 20 40 60 80 100

Depth	Sample	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-39' overburden - glacial till	11808 1761									
0-39	01	till										
		39-42 NX core (lost - wyke has peg, as below)										
		AX Core Below										
39-46	04	39 lost 42 peg 46										
		42-46 cg pegmatite										
		plag, ksp (perthitic), qtz, bio, (musc); 1' of core lost here										
		mcg pd										
		46-117.4 mcg peridotite		46 10	56 10		0:1.3 8	0:0.6 9				
		two types: 1) greenish talc w hbl only partly alt to		56 10	66 10		0:1.1 4	0:0.6 9				
46-117	06	talc, 2) blk-grn - alt talc, loc talc alt to chl, loc		66 10	78 10		0:1.2 2	0:1.0 10				
		serp? balls, loc gabbro segs		78 10	90 10		0:1.2 2	0:0.8 8				
		5 (10% loc) sulfides, dissem ½" blebs, po, cp,										
		weak and strong mag		91 10	98 10		0:1.5 10	0:0.7 5	0:0.2 2			
	vert fracs, ox coats	104-107.5 msv sulf - 75%, cp blebs, chl, talc?		98 10	104 10		0:1.6 2	0:1.1 3	0:0.2 2			
		inds, vert fracs w blk oxide coating		104 10	108 10		1:4.8 7	0:4.5 9	0:2.2 0			
117-125	025	117.4 mg peg, gab		108 10	113 10		0:1.8 3	0:0.7 5	0:0.5 9			
	125	117.4-125 mg pegmatite, gabbro		113 10	118 10		0:2.4 4	0:1.4 4	0:0.4 4			
125-142	023	f-mg antho gab		118 10	125 10		0:0.3 2	0:0.4 4				
		plag, qtz, bio peg, f mg plag, bio gab (slightfol)										
		inds, loc mt sch ind, top 6" has cataclastic tex										
142-147	04	142 147 alt gab, peg										
		winst sulfide, bio (strong mag po, loc cp); 123-125										
		fg gabbro: 65% plag, 25% antho?, 10% hbl, tr po										
147-169	021	mg gab										
		2% sulfides overall for intv.										
		(131-134 ground up)										
	169	125-142 f-mg antho gabbro		125 0	131 10		0:0.7 7	0:0.5 10				
		65% plag patchy-asic bundles, 75% antho patches, 10%										
169-236	021	fg gab sch inds		134 10	136 5		0:7.0 7	0:1.5 7	0:0.5 9			
		hbl suboph clots repl by bio?, loc peg, loc sch inds		136 5	141 10		0:0.7 3	0:1.6 3	0:0.1 4			
	6" alt →	loc zones w vfg bio, cumm		141 10	146 10		0:3.9 4	0:2.8 9	0:0.3 7			
		134-136 msv sulfides 70% in a sch ind: fg po (magnetic),										
		tr cp, mt, elsewhere 10% sulfides, mod mag, gen assoc w										
		sch inds, cp and po separate vns										
		(131-134 missing, wyke claims core loss 128-131.3)										
		142-147 altered gabbro, pegmatite										
236-249	025	236 pd-pyrox 238 mg gab 241 mg pd-pyrox 249										
		142-144 gabbro: mafics alt to bio, hbl, loc calcite,										
		ppi vnlts, peg										
		vfg dissem po, msv po vns, tr cp blebs, some										
		cubic outlines in alt sch inds indicate py or mc?										
249-300	021	mg cumm gab										
		144-147 plag sericite qtz peg, rex tz gabbro:										
		mg, 65% plag, 20% cumm, 15% bio, patchy tex.										
		loc po, cp vnlts, blebs										
		10% sulfides overall for intv.										

5-40

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-40
Logged by: H.M. Parker
Date: 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1180	1761	1306	90	

Depth (1"=40')	20 % Sulfide (visual) 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
300	fg cumm	#47-169 cont'd: 65% plag-pakky, 20% cumm patches,	1180	176.1	150	160		0.012	0.010	0.008		1.319	
325 carb alt	gab	also anitho, 15% bio segs, 2-3% hbl vfg clots (some calcite			160	170		0.118	0.517	0.013		0.914	
carb alt		ilm), loc carb vnlts, ½" plag segs, loc sch incls w											
329 330		sulfides as below, gen rex fz tex											
339	cg peg	1% sulfides, strong mag											
339-353 02	mg mafic cumm gab	(153.5-155.0, 158.5-159 coreloss)											
353		169-236 fg gabbro, sch incls			170	180		0.045	0.034	0.01.1		1.111	
353-368 06	mg pyrox?	60-65% plag as ic, 20% cumm/antho wedge-patches,			180	190		0.131	0.094	0.018		1.812	
368		10% bio-fg segs, 5-10% ilm-mt/hbl?, sch incls			190	217		0.051	0.037	0.011		1.110	
368-381 021	mg mafic gab	are highly digested, stringy w sulfide-oxide segs,			217	231		2.121	0.573	0.1.9.1	5.361	3.286	
381		fw thin vns esp at bottom. incls have 15% bio, loc											
381-386 04	peg	qtz vns and blebs, 194'-6" alt zone-chl-epi, white clay											
386	f-mg gab	210-214.5 qtz, plag, bio, musc, peg, loc mg gab											
391		zones similar to 147-169											
386-406 021	f g cumm gab	Broken Zones: 189, 207, 223											
406		212-213 95% (msv sulfide), mod mag, cpas blebs,											
406-424 024	schists, dibrite hybrid	vnlts, segs, mg po, rest of intv 1% sulfide, strong											
carb alt 424		mag.											
424-447 021	mg cumm gab	236-238 f mg peridolite-pyroxenite											
Footwall 447		90% cumm, hbl alt to talc, 10% bio-brown											
447-462 03	Pd. sch 462	238-241 mg cumm gabbro											
	bottom	60% plag, irreg patches, 30% cumm patches, 10% f hbl											
		clots, tr bio, 0.8' qtz vn at bottom, cp blebs											
		241-249 mg peridolite-pyroxenite			241	244		0.475	0.302	0.044			
		50% cumm, 20% hbl intergrowths in cumm and patches,			244	245		0.154	0.081	0.022			
		loc talcose			245	247		0.081	0.051	0.015	1.112		
		5% sulfides (loc 30%) scattered dissem blebs, f mg			247	260		0.058	0.029	0.012	0.615		
		mod mag po, ep in peb blebs			247	248		0.098	0.038	0.016	1.310		
		249-300 mg cumm gabbro											
		60% plag-irreg asic patches, 10% hbl clots, 25% cumm											
		patches, 5% bio, loc plag, amph segs in rex fz, loc m-cg,											
		loc gneissic plag, qtz, bio peg											
		2% sulfides, strong mag											
		(288-290.4, 295-295.9 coreloss)											
		300-329 fg cumm gabbro			320	325		0.264	0.17	0.059			
		60% plag asic, 30% cumm patches, 10% hbl sub-ophi clots			325	330		0.719	0.117	0.073			
		tr bio, ilm-mt, broken zones: 311-318, 321-324, here plag→white clay, cumm→hbl,											
		loc carb-talc											
		focal sulfides, blebs in rex fz zones, loc f dissem, VHS,											
		strong mag po; 320-326 10%											
		(311-314, 316.8-318.4 loss)											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-40
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11808	1761	2306	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	AU AG	Deposit
329-330 cont'd; schist incl plag, bio, graph, mt, po (strong mag); pyrox? 80% pyx? alt to chl and antho, 10% brn bio segs, 10% strong mag po, cp blebs	11808	1761										
330-339 cg - pegmatite ksp (perthitic), qtz, bio, chl, (no musco); chl schincls, loc cp po vnlts (336-339 ground up)			33012	33617		0.045	0.056	01.014				
339-353 mg mafic cumm gabbro 70% cumm, loc bz? and 20% plag as patches, 10%-15% ophitic hbl, loc fg; 10% sulfides, rounded blebs, weak mag po, loc strong			33910	34410		0.447	0.283	01.044				
			34410	35210		0.528	0.428	01.037				
			35210	36210		0.280	0.176	01.044				
			36210	37210		0.093	0.056	01.029				
			37210	37772		0.268	0.144	01.029				
353-368 mg pyroxenite? 80% cumm, few bz almost all alt to cumm, chl loc, 15% hbl oph patches, 5% plag patches; chl-antho-bio near 3" peg vn, antho loc elsewhere 3% sulfide blebs often rounded, strong mag												
368-381 mg mafic gabbro, loc pyx?-pd 25-50% plag inst patches, or as anorth segs, 30-80% cumm and bz being alt to chl, 20-30% hbl-aug oph patches 5% scattered pyrrholite, chalcopyrite blebs, rounded, weak magnetic mostly (377.2-379 ground up)			37910	38610		0.292	0.277	01.022			TRNIL	
381-386 pegmatite plag, qtz, bio; gabbro, bio plag chl schincls 3% sulfide, vnlts, dissem patches, mod mag po, cp.												
386-391 fmg gabbro 60% plag-asic, 25% hbl/cumm patchy-repl plag, 10% aug-oxide clots, 5% sulfides, mod mag, dissem po, cp			38610	39610		0.333	0.359	01.022				
			39610	40215		0.390	0.189	01.037				
391-406 fg gabbro 65% plag and 20% cumm as patches, 10% hbl-fg clots, loc rex tz mg loc graph sch incls, sulfides 5% sulfides, dissem po cp, mod-strong mag,			40215	41310		0.325	0.107	01.029				
			41310	41910		0.179	0.302	01.022				
406-424 sch incls, hybrid diorite predominately plag bio graph mt sch, fol and gneissic w/ loc hybrid diorite (plag-bio hbl) 5-10% scattered msv, dissem sulf mod mag po, loc cp segs												
424-447 mg cumm gabbro [illegible] patches, 10% hbl subaph												

5-40

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,180.8	1,176.1	2,306	90	

Deposit Area 5
Drill Hole 5-40
Logged by H.M. Parker
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Depth (1"=40') | 20 % Sulfide (visual) 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
424-447 Cont'd: 5% bio small segs, loc bio, chl schists; chill zones top and bottom, (loc qtz vns 425-476, broken core, carb-hbl alt), loc plag segs, loc banded 1-2% sulfides	1,180.8	1,176.1									
447-462 schist plag bio musc qtz; plag, qtz porphyroblasts, loc graph, 0-10° crenulation fol											

45 done

5-41

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,170.8	1,760	2,303	90	

Deposit Accas
Drill Hole 5-41
Logged by H.M.Parker
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		Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	A.V	A.G.	Deposit
	0																
0-33	01	drill		0-30.0 overburden - glacial till	1,170.8	1,760											
				30-33.0 lost core, Wyke claims not overburd on; suggest weathered zone?													
	30.0 — 33.0	lost															
33-48	06	pd?		AX Core Below													
	47.5																
		mg gab		33.0-47.5 peridotite?			3,310	4,310		0.1.919	0.1.76	0.0.29					
				75-80% cumm, talc in various proportions; bioand ch1 (5%) locally, 10-15% aug-irreg clots, relict			4,310	5,310		0.1.612	0.0.715	0.0.14					
				oli seen occas.			~										
48-118	021			5-10% fg sulfide, occurs segs, weak mag													
				30% core loss in this intv.													
				47.5-118 mg gabbro			5,310	5,810		0.3.219	0.0.914	0.0.22					
				50-65% plag as ic to patchy, 25-30% hbl, cumm			5,810	6,310		0.2.916	0.1.216	0.0.29					
				5% aug subeph ⅛" clots, loc bz, talc, loc rextz,			6,310	7,310		0.2.217	0.1.716	0.0.22					
				rare sch incls			7,310	8,310		0.2.814	0.5.014	0.0.37					
				weakly mag sulfides w cp vns throughout:			8,310	8,810		0.6.911	0.1.819	0.0.59					
	118																
18-150	025	f-mg pd, (gab)		47-57 5% scat vnlts			8,810	9,310		0.4.817	0.2.916	0.0.44					
				57-65 15% blebs			9,310	9,810		0.5.815	0.1.819	0.0.44					
	150			65-76 3% os vns			9,810	10,310		0.6.714	0.2.017	0.0.22					
150-164	04	peg		76-118 15-20% blebs			10,310	10,810		0.7.810	0.2.614	0.0.29					
	164			118-150 f-mg peridotite, gabbro			10,810	11,310		0.4.016	0.2.614	0.0.44					
164-175	025	mg gab incl		predom. pd w gab segs: pd as above; 75%-80%			11,310	11,810		0.3.517	0.2.518	0.0.59					
	175			cumm, talc, 10-15% aug irreg clots, loc ch1			11,810	12,310		1.0.516	0.2.614	0.0.95					
175-190	04	peg		118-127 15-20% sulfides, some msv vns			12,810	13,310		0.4.114	0.1.414	0.0.22					
	190																
190-200	025	mg gab		fg weak mag po, loc cg esp in msv zones, cpas			13,310	13,810		0.5.112	0.3.217	0.0.22					
	194.5	peg		vnlts, segs			13,810	14,310		0.4.711	0.2.512	0.0.22					
	198	pd															
200-209	200 022	m-cg pegm.		127-150 10-15% sulfides as above, mod-weak mag.			14,310	15,110		0.6.911	0.2.216	0.0.29					
	209																
209-221	06	pd															
	221			150-164 pegmatite			15,110	16,410		0.0.611	0.2.916	0.0.07					
		f-mg pyroxenite		ksp, plag, qtz (ch1), bio, musc													
221-276	021	gab		3% sulfides, strong mag, nearly all sulfide is cp.													
				164-174.5 mg gabbro incl in peg			16,810	16,878		0.0.517	0.0.510	0.0.14					
				50% plag some segs, otherwise patchy intergrowths,			16,878	17,416		0.6.714	1.2.917	0.0.44					T.R.N.I.L.
	276			30% cumm-hbl, 20% bio, loc sch incl, rextz tex.													
				5-10% fg sulfides, cg where msv (168-170), mod													
				to strong mag													

cut

5-41

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-41
Logged by H.M.Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No.	Coordinate		Collar Elev.	Angle	Azimuth
				1,1,7,0,8	1,7,6,0		2,3,0,3	9,0	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
276		190-194.5 mg cumm gabbro	1,1,7,0,8	1,9,0,1,4	1,9,4,1,5		0:4,2,1,2	0:2,2,1,0	0:1,0,2,2					
276-314	05	50% plag, 30% cumm as patches, 5-10% augchots,	1,7,6,0	1,9,4,1,5	1,9,8,0		0:0,0,1,0	0:0,1,1,2						
msv sulf		15% bio, rextz tex.												
		5-10% sulfides, strong mag												
313.5		194.5-198 Ksp, qtz, plag, bio pegmatite												
		198-200 peridotite		1,9,8,0	2,0,7,1,0		0:0,7,1,7	0:0,6,1,9	0:0,1,1,4					
314-355	02	antho near peg contact, talc-chl rest of intv, 10-15% aug,												
mg cumm gab		5% mod mag sulfide blebs												
355		200-209 m-cg eucrite		2,0,7,1,0	2,1,2,1,0		0:1,5,1,4	0:1,0,1,0	0:0,2,9					
		60% plag some latthy, some patchy, 20-25% cumm-chloritic?, 15% bz, 5-10% aug subophitic clots,												
355-454	02	15-20% bio near peg (207-209)												
mg gab		5% sulfides												
		209-221 peridotite		2,1,2,1,0	2,1,8,1,2		0:3,5,1,7	0:1,7,1,0	0:0,1,4					
		chl-cumm w antho near peg (218-221), 5-10% aug		2,1,8,1,2	2,2,4,1,0		0:0,2,1,8	0:0,4,1,4	0:0,0,7					
		5-10% sulfides, mod mag, v.l.t.f.c. cp esp 217-218		2,2,4,1,0	2,3,2,1,0		0:0,1,1,6	0:0,6,1,9	0:0,0,1					
		221-276 f-mg cumm gabbro		2,3,3,1,0	2,4,4,1,0		0:2,6,1,0	0:5,7,1,9	0:1,0,1,4					
		85% plag (patchy textz), 20% cumm (loc antho instead), 10% biot (loc higher), 5% aug loc peg		2,4,4,1,0	2,4,8,1,0		0:3,1,1,7	0:1,5,1,1	0:1,0,2,2					
		dikes, loc mt graph schists w sulfides below		2,4,8,1,0	2,5,7,1,0		0:1,8,1,7	0:1,0,1,7	0:1,0,2,2					
		23% broken zone @ 236		2,5,7,1,0	2,6,6,1,7		0:4,0,1,6	0:2,1,1,4	0:1,0,4,4					
		233-276 5% sulfides as vns, assoc w schists,												
		strong mag												
		276-313.5 msv sulfides		2,6,9,1,0	2,7,7,1,0		0:3,1,1,7	0:4,7,1,2	0:1,0,2,9					
		85%, cg weak-mod mag po, cp as 1" blebs and smaller		2,7,7,0	2,8,2,1,0		1:4,7,1,1	0:6,1,1,7	0:1,3,2					
		veins, few 1-2' barren zones, loc graph-mt schists,		2,8,2,1,0	2,8,7,1,0		1:7,4,1,7	1:3,5,1,4	0:1,5,4					T.R.N.I.L.
		cumm-bio gabbro		2,8,7,0	2,9,2,1,0		1:6,4,1,2	0:3,4,1,0	0:1,5,4					
				2,9,2,0	3,0,1,1,0	9	1:8,2,1,9	0:3,5,1,2	0:0,8,8	5,6:0,1	3,4:6,1,2			
		313.5-355 mg cumm gabbro, loc cg		3,0,1,1,0	3,0,4,1,0	3	1:5,3,1,6	1:2,9,1,1	0:1,5,4					
		60-65% plag, 20-25% cumm, 5-10% aug (some hbl?)		3,0,4,1,0	3,0,8,1,0	4	0:9,1,1,0	0:9,0,1,7	0:0,8,8					
		subophitic clots, aug esp present toward bottom, 5% bio,		3,0,8,1,0	3,1,3,1,4	S.A	1:7,8,1,0	0:6,4,1,8	0:1,3,2	3,6:1,4	1:6,1,1	0:7,1		
		some bz near base, gradational contact to 360		3,1,3,1,4	3,2,3,1,0	96	0:0,7,1,3	0:0,5,1,0	0:0,2,2					
		≤ 1% sulfide, vns and segs.		3,2,3,1,0	3,2,9,1,0		0:0,2,1,0	0:0,1,1,7	0:0,1,1		0:2,1,0			
				3,2,9,1,0	3,3,5,1,5		0:0,9,1,5	0:0,5,1,5	0:0,1,8		1:7,5			
		355-454 f-mg cumm gabbro		3,5,8,1,0	3,7,0,1,0		0:0,5,1,2	0:0,8,1,5	0:0,1,4		0:9,1,3			
		65% plag, 20-25% cumm, loc antho, 5% aug, 5-7% bio		3,7,0,1,0	3,9,0,1,0		0:0,3,1,5	0:0,2,1,4	0:0,1,3		0:5,8			
				3,9,0,1,0	4,0,0,1,0		0:0,4,1,5	0:0,2,1,8	0:0,1,1		1:0,1,4			
454-459	03	234 broken zone @ 236												
footwall 454		233-276 5% sulfides as vns, assoc w schists,												
altered bottom 459		strong mag												

5-41

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,170,8	1,760	2,303	90	

Deposit Area 5
Drill Hole 5-41
Logged by H.M. Parker
Date 1973
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Depth (1"=40')	20 % Sulfide (visual) 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
		353-454 Cont'd: 10c sulfides ≤ 1%, blebs	1,170,8	1,760	4,010	4,150		0.0316	0.0212	0.0,1,1		1.35	
					4,150	4,250		0.0214	0.0115	0.0,1,1		0.98	
		454-459 schist			4,250	4,380		0.0116	0.0018	0.0,1,1		0.317	
		altered, brecciated ± plag, hbl, gar, clay minerals white kaolinite?											

46 done

5-42

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-42
Logged by: H.M. Parker
Date: 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12105	1907	2265	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Au	Deposit
0		0-30.5 overburden - glacial till	12105	1907										
0-30 01	till	30.5-51.5 mg gabbro, pegmatite			30.5	36.0		1.130	0.340	0.051				
		50% gabbro: 30-40% plag, 10% cumm/antho, 50% bio,			36.0	46.0		0.162	0.163					
30.5	mg gab, peg	50% mg peg: ksp, plag, qtz, bio, musc (rarely minz)			46.0	51.0		0.317	0.157	0.022				
30-52 04		20% msv sulf vns, mod mag mg po, cp as												
		tiny blebs, most above 38'												
51.5	m-cg cumm gab	51.5-107.7 m-cg cumm gabbro			51.0	58.0		0.394	0.100	0.022			0.10	
52-108 021		65% plag lath to patchy, and 10% hbl patches, 25% cumm			58.0	63.0		0.040	0.012					
		patches, loc antho, genigneous tex, loc schinds			63.0	68.0		0.309	0.478	0.022				
		5-10% sulfides dissem and blebs, few segs			68.0	74.0		0.398	0.365	0.022				
		to 91'; 1-2% to 96, barren 96-107.7: weak mag			74.0	80.0		1.024	0.441	0.051	19.2	10.90		
		loc mod mag, loc high cp			80.0	85.0		0.366	0.270	0.029				
					85.0	91.0		0.203	0.245	0.014				
107.7		107.7-116 pegmatite			91.0	101.0		0.105	0.081	0.007				
108-116 04 116	peg	ksp, musc, bio, chl, v. little plag												
	mg mafic cumm gab	116-160 mg mafic cumm gabbro												
116-160 021		50-60% plag patchy, 35-40% cumm patches,												
		5-10% hbl patches, 5%, loc 10% bio segs, loc 1-2'												
		zones of pd w chl - talc, loc cg segs of gabbro												
		1% sulfide - scattered blebs												
160														

47 done

5-43

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-43
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11809	2010	2227	90	

Depth (1"=40')	Depth	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0-8	0	till	11809	2010									
8-21	7.8	schincl											
	10.8	msv sulf											
	14	schincl			7.8	14.0		1.150	0.151	0.044			
21-31	21	f,f-m cumm gab											
	31	fg gab schincls											
31-75	57	f-mg cummgab schincls											
	75	fg cumm gab			14.0	24.0		0.187	0.094	0.014			
75-90	87.3	mg cummgab											
90-100	90	peg											
	100.5	fg cumm gab											
100-124	118	fg cumm gab			24.0	34.0		0.061	0.044	0.007			
	124	mcg eucrite			34.0	44.0		0.187	0.088	0.014			
124-172	142	mg eucr. gab											
	150	f,mg eucrite			44.0	54.0		0.122	0.119	0.014			
					54.0	64.0		0.049	0.056	0.007			
	172	fmg cumm gab schincls											
172-218	209	lost			64.0	74.0		0.126	0.113	0.014			
	218	bottom			74.0	79.0		0.065	0.044	0.022			

Depth scale: 0, 7.8, 10.8, 14, 21, 31, 57, 75, 87.3, 90, 100.5, 118, 124, 142, 150, 172, 209, 218

Drill Hole No. scale: 5, 10, 15, 20, 25, 30, 35, 40, 45, 78, 80

Depth (1"=40') scale: 20, 40, 60, 80, 100 %Sulfide (visual)

0-8 ⌀1
8-21 ⌀25
21-31 ⌀21
31-75 ⌀25
75-90 ⌀21
90-100 contact → ⌀4
contact → 100.5
100-124 ⌀21 subvert. fracs
124-172 ⌀22
172-218 prehnite → ⌀25

Description:

0-7.8' overburden - glacial till

7.8-10.8 schist incls
plag, bio hbl? (blk, vfg shiny), loc gar
5-10% fg dissem po, nonmag

10.8-14 msv sulfide
95% mg po, v. weak mag - tarnished, cp as small blebs?, plag, bio, chl gar incls (small type)

14-21 schist incls
as above, loc graph, qtz eyes, loc vfg basic dikes - sugary tex: 80% antho (yellbrn) looks like qtz but scratches, 20% hbl-blk
10% sulfides: dissem, vnlts weak mag

21-31 f,f-m cummgabbro
65% plag asic, 25% cummpatchy, 5% hbl clots, 5% bio segs, rextz text, 2" bio-antho zone at upper contact, loc chl reaction near qtz vn, loc vert fracs
tr weak mag po blebs

31-57 fg cumm? gabbro, schincls
gabbro/70% plag asic, 20% cumm? lt brn grn asic-antho?, 10% hbl, loc chl alt; sch incls: plag, bio, graph, loc qtz eyes, loc sl mag
2% sulfides: fg dissem, and blebs in sch incls, few cp vnlts, sl-mod mag po

57-75 f-mg cummgabbro, schincls
65% plag, 25% cumm patches, 5% bio, 5% hbl both as suboph clots, bio repl hbl, rextz text, numerous sch incls: plag bio hbl?, loc plag, ksp?, qtz, musc peg
5% dissem and few blebs of sulfide; fg weak mag - nonmag po; sulfides assoc w sch incls

75-87.3 fg cummgabbro
60% plag asic surrounding mafic patches, 25% cumm small patches, 10% hbl-fg clots, 5% bio segs, except at 6" chill zone at top 5'(?), loc dioritic bio-plag sch component w vfg po
<5% sulfide, mod mag, vfg po

87.3-90 mg cummgabbro

5-43

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-43
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11809	2010	2227	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
87.3-90 cont'd: 10% hbl-aug oph segs, 5% bio segs, not repl other mafics, but secondary?, 6" bio reaction repl hbl preferentially near peg - 50° lower contact	11809	2010									
90-100.5 m-cg pegmatite plag, qtz, bio, sericite (musc), ksp?, sugary tex, loc arsenopyrite?, loc fmg gabbro incl.: plag, bio, cumm, v little hbl; patches of high bio, horizontal? contact											
100.5-118 fg cumm gabbro (loc mg rextz) 60% plag, 30% cumm as interlocking patches, 10% hbl loc aug-oxide (rim) - bio segs, loc highly assimilated sch incls, loc subvert fracs, upper 2' of intv: 60% plag-patchy inst, 25% cumm, 5-10% hbl, 10% bio loc tr msv sulf, blebs, esp 103-108: strong mag po, cp as small blebs in po.			100.0	105.0		0.203	0.075	0.014			
			105.0	110.0		0.345	0.151	0.022			
			110.0	117.0		0.085	0.081	0.014			
118-124 fg cumm gabbro 55% plag, 30% cumm and bz? (grn-brn) as patches, 15% hbl clots, loc mod mag 1/2" po blebs			117.0	124.0		0.028	0.056	0.007			
124-142 mcg eucrite 50% plag asic, 10-15% cumm loc chl, 15-20% bz and 10% hbl-aug; cumm and bz are poik-oph; alt zone at 128 talcose fracs, cumm → hbl, less alt of bz than cumm 10% po, cp, irreg 1/2" blebs, mod mag			124.0	134.0		0.105	0.094	0.007			
			134.0	144.0		0.264	0.100	0.022			
142-150 mg eucritic gabbro 60% plag asic, 25% cumm, bz patchy, 10% hbl-aug subophclots, 5% po, cp loc 2" blebs			144.0	149.0		0.223	0.157	0.014			
150-172 f, mg (mostly mg) eucrite 60-65% plag asic, 15% cumm and 15% bz as patches, 10% hbl clots, loc secondary qtz vnlts 2-3% scattered po, cp blebs, fg dissem, strong mag			149.0	154.5		0.809	0.283	0.058			
			154.5	165.0		0.053	0.088	0.051			
			165.0	175.0		0.240	0.138	0.014			
			175.0	188.0		0.103	0.084	0.017		2.10	
172-209 fmg cummgabbro (mg where rextz) 60% plag and 30% cumm patches, 10% hbl clots, <5% bio, loc mt. graph incls, below 200 incr sch incls, bio-hybridiz of gab 184' prehnite			194.0	196.0		0.394	0.050	0.043		7.23	
172-196 3% weak mag sulfides - msv rns, oxide segs; tr po below											

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5-44

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,7,0,4	1,8,6,0	2,2,9,4	9,0	

Deposit Area 5
Drill Hole 5-44
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0			5	10	15	20		25	30	35		40	45 60
0-16	01	till	1,1,7,0,4	1,8,6,0									
16		0-16.0 overburden - glacial till											
		AX Core Below											
16-38	04	peg											
37.5		16-37.5 ksp, qtz, plag, chl, musco, pegmatite (6' core loss this intv)											
38-54	025	schists, fg gab, peg											
contact 54		37.5-54 schist inds, fg gabbro, pegmatite			3,8,0	4,3,10		0:3,9,8	0:1,5,1	0:0,2,9			
		Schist inds: plag, bio, mt, graph, locanth, minor			4,3,10	5,1,10		0:3,3,3	0:2,5,8	0:0,2,2			
		mg gabbro, loc pegasabore, 60° contact			5,1,10	6,1,10		0:2,4,6	0:1,9,8	0:0,3,4		3:9,3	
		5% sulfide blebs, segs, strong mag to 51'			~								
		(52-66.5 broken)											
		54-91.5 mg gabbro (loc m-cg)											
		65% plag, 25% hbl and cumm, 5-10% bio, ±5% aug											
91.5		minor ilm, loc braccia ted											
		rare sulfides associated with fracs											
54-154	021	fg cumm gab											
		91.5-154 fg cumm gabbro			10,0,10	11,2,10		0:0,7,9	0:0,9,0	0:0,1,4		1:1,7	
		70% plag basic, some patchy, 20% cumm patchy			11,2,10	12,7,10		0:0,7,5	0:0,8,8	0:0,0,9		1:1,7	
		10% aug subophitic clots, loc schinds, plag segs			12,7,10	13,4,10		0:0,8,9	0:0,4,4	0:0,0,7			
		127-134 schinds, 5% weak mag sulfide, <5%			13,4,10	15,0,10		0:1,1,4	0:0,4,2	0:0,1,7		3:3,5	
		sulfide assoc w schinds elsewhere			15,0,10	16,2,10		0:0,8,8	0:0,4,8	0:0,1,7		1:5,9	
		154-162 plag, chl, anthol?, bio schinds, loc peg											
154													
154-162	025	schinds loc pegs											
162													
162-170	04	peg dike											
		162-170 pegmatite dike			16,2,10	17,0,10		0:6,6,2	0:4,4,1	0:0,4,4	32:8,1	18:5,3	
170		fg gab											
178		ksp, plag, bio, qtz, msv sulfide vns, 1/16" bio rims											
		at contacts with sulfides, upper and lower contacts											
		irregular											
		30% mod mag sulfides (somewhat variable mag),											
170-198	021	mcg cumm gab											
185		fmg cumm gab											
		epss veins											
198		schinds, peg											
		170-178 fg gabbro			17,0,10	18,0,10		0:0,3,0	0:0,1,6	0:0,0,9		0:3,2	
		65% plag, 25% cumm, and brn phase, poss. anth,											
198-271	04	hbl, or bz, 10% aug subophitic clots, loc plag, aug segs											
236		peg											
		178-185 mcg cumm gabbro (eucritic)											
		65% basic plag - loc patchy, 20% cumm patches, 5-10%											
		poik-oph bz, 5% aug, loc hbl											
		185-198 fmg cumm gabbro											
271		65-70% plag, patchy, loc segs, 20-25% cumm patchy,											
271-290	021	5-10% aug oph clots, loc schinds, loc peg, partly veiny											
		(187.7-193 coreloss)											
290-293	05	msv sulf											
289.5		198-236 schinds, pegmatite											
293		80% schist, plag, bio, hbl) recrito-sulfi, qtz? anorsicite											

5-44

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-44
Logged by H.M.Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11704	1860	2294	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
293 mg cumm gab		198-236 cont'd, loc fg granular bio-cumm zones	11704	1860									
021		(once fg gabbro?), 20% pegmatite as below											
310 bottom		4% sulfide, loc po, cp vns											
		(218-220, 230 breccia zones)											
		236-271 pegmatite											
		ksp, bio, musc, qtz, (plag?), loc m-cg gabbro											
		incl: 65% plag, 20% cumm as patches, some											
		segs, 5% aug suboph clots, 10% bio											
		rare sulfides											
		271-289.5 f-mg cumm gabbro											
		65% plag patches, 20-25% cumm patches, 10-15%											
		aug clots, 1-3% loc peg, sch incls, fg at bottom											
		1'											
		289.5-293 msv sulfides			289.0	294.0		1.28	0.157	0.073			
		75%: weak mag, f-mg po, cp as blebs here and there, chl-											
		gar gabbro? incls.											
		293-310 mg cumm gabbro (loc m-cg)			294.0	299.0		0.321	0.296	0.044			
		65% plag, 25% cumm (loc bz?) as patches, 10% aug			299.0	304.0		0.158	0.119	0.022			
		clots-oph, loc antho, sch incls.			304.0	310.0		0.008	0.006	0.001			
		293-304 5% sulfides, barren below: blebs											
		mostly, few segs, vnlts, strong mag											

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5-45

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-45
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12401	1939	2187	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-35' overburden - glacial till	12401	1939									
0-35 01	till	35-102' f,m g cumm gabbro, pegmatite, sch incls											
		50% gabbro: 60% plag asic - patchy, 20% cumm patches,											
		10% bio segs, 10% hbl clots, few segs, loc talc repl											
35		cumm, more bio, less hbl, 30% pegmatite: ksp, plag, qtz,											
		bio, musc esp. 80-98, 20% sch incls: plag, bio, gar											
		mostly											
35-102 025	f,m g cumm gab, peg, sch incls	71-80' 5% sulfides, modmag po, cp as segs,			7.1	8.0		0.524	0.157	0.022			
		sulfides are scattered segs, loc dissem											
		102-146 f g cumm gabbro											
		60% plag and 20% cumm patchy - cumm is v. lt grn											
		(talcose?), 5-10% hbl clots, 5% bio, 10% peg vns, sch (plag bio)											
		incls, bottom contact gradation over 3-4'											
102		<1% sulfides in sch incls											
102-146 021	f g cumm gab	146-194 m-c g cumm gabbro, pegmatite, sch incls			146.5	148.0		0.118	0.292	0.010		0.73	
		80% gabbro: 65% plag, 25% cumm as patches, loc igneous											
		text., 10% bio, 2-3% hbl intergrown clots in cumm, rextz											
		text; 15% ksp, chl peg, 5% bio mt (graph?) sch incls											
146		147-152 1% sulfides - blobs cp > po, high pn?											
146-202 025	mcg cumm gab, peg, sch incls												
194													
202	lost												
	bottom												

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,7,0,3	1,9,6,0	2,2,7,7	9,0	

Deposit Area 5
Drill Hole 5-46
Logged by H.M. Packer
Date 1973
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Depth (1"=40')	%Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
			5	10	15	20		25	30	35	40	45	70 80
0-15		0.0-15.3 overburden - glacial till	1,1,7,0,3	1,9,6,0									
01	till												
153													
	fg cumm gab	15.3-33.0 fg cumm gabbro (loc mg rextz)			1,5,13	2,5,10		0:0,6,11	0:0,8,11	01:0,0,7			
15-62		65% plag, 15% cumm (loc antho), 5-10% blk aug, 7-10%			2,5,10	3,5,10		0:1,1,10	0:0,2,15	01:0,0,7			
021		fg brn bio, minor schincls ± cumm, bio, graph, mt			3,5,10	4,0,10		0:0,6,15	0:0,2,15	01:0,0,7			
33		21-23 ksp, qtz, bio, musc (plag ?) peg, w chilled			4,0,10	4,5,10		0:1,9,15	0:0,8,18	01:0,1,4			
	mcg cumm gab	contacts			4,5,10	5,0,10		0:0,9,17	0:0,6,19	01:0,0,7			
		3% scattered sulfides - dissem blebs, vnlts esp			5,0,10	5,3,10		0:1,5,10	0:0,8,18	01:0,0,7			
		assocw graph-mt; po strong mag, cp vnlts			5,3,10	6,0,10		0:0,8,19	0:0,5,10	01:0,1,4			
		near schinds, tray exsolution blebs in po elsewhere			6,0,10	6,5,10		0:1,5,10	0:1,9,15	01:0,1,4			
62-90					6,5,10	7,4,10		0:1,4,12	0:1,4,14	01:0,1,4			
05	schincls												
74	msv sulf	33-62 mcg cumm gabbro											
79	mcg gab	65% plag, 20% cumm, 5% blk aug, 10% bio, 1-2%											
82.5	msv sulf	oxides, loc peg as above 33-35.5; loc bz poik-oph											
89.5		sl. alt to cumm @ 45-57, 58-60 broken-sheared											
	f-mg gab	bx slightly; 61-62 have 20% bio, 15% hbl ± cumm, 5-10%											
90-124		antho; loc grapd schincls as above; in general have											
021		patchy text - intergrown plag, cumm, loc rextz w											
124		qtz.											
	schinds, gab	5% sulfides: scattered blebs, weak mag, loc											
124-155		mdy selvages											
025													
155		62-74 schist inclusion											
	fg cumm gab	gabbroized to a marble textured gneiss: composition											
155-169		is plag, cumm, bio (qtz), loc gar (high cp assoc)											
021		68-69 serpentine fracs (?) 70°											
169		10-15% sulfides, mod mag, rare moly											
	m, m-cg cumm gab, loc ener.												
169-187													
025													
187		74-79 msv sulfides			7,4,10	7,9,10		1:1,9,15	0:3,2,17	01:0,7,3	5.0	28:4,13	
	fg cumm gab	weakly mag, f, mg variable po, 5% cp as tiny blebs in			7,9,10	8,4,10		0:2,8,14	0:1,5,11	01:0,1,4			
187-200		po, chl, gar, ilm, bio incls, moly selvages, chl			8,4,10	8,9,15		1:3,2,15	0:2,4,15	01:0,7,3			
021		tends to rims gar incls											
206	bottom												
		79-82.5 mcg gabbro											
		65% plag, 20% cumm/hbl, 10% aug, 5% antho?, <3%											
		bio, loc peg, rextz text.											
		loc po, cp vnlts											
		82.5-89.5 msv sulfides											
		85%, cg po, weak mag, cp as tiny blebs, fg pn											
		usual incls and gabbro as above, loc peg; gabbro											
		highly alt'd by pegs.											
		89.5-124 f-mg gabbro			8,9,15	9,5,10		0:0,5,17	0:0,3,17				
		57-60% plag, <5% antho, loc bz, loc peg, rextz, 15% cumm											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-46
Logged by H.M.Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,7,0,3	1,9,6,0	2,2,7,7	9,0	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
89.5-124 cont'd: 10% anhe, esp. where rextz, 10% vfg	1,1,7,0,3	1,9,6,0									
angclots, <2-3% bio; mg from 114; of ken rextz											
w plag segs; few small peg dikes											
124-155 schist incls, gabbro			1,2,4,10	1,3,5,10		0:t,1 8	0:0 5:10	0r0:1 4			
schist incls predominates: plag, bio, chl, graph, loc											
pseudosill, gar; gabbro is plag, bio, anhe											
124-135 mt graph zone w 5-10% sulfides, mostly											
po, minor cp, 135-138 gabbro similar to 169-186:											
fmg, 50-60% asiz plag, 10-15% subophi aug (5-20%)											
talc, 10-15% cumm											
155-169 fg cumm gabbro (loc m-cg rextz)											
70% plag and 20% patchy cumm, 10% aug clots v/g,											
loc peg, schinck <10% of intv w up to 20% bio											
169-187 m, m-cg cumm gabbro (loc eucritic)											
65% asiz plag sl. alt, patchy, 25% cumm patches, 10%											
aug clots to oph, 5% lt brn bio, minor ilm, loc qtz blebs											
179-182 eucritic: 10-15% cumm, 10-12% bz 1/8" xtls											
rare fg sulfide, po is mag											
187-206 fg cumm gabbro											
60% plag, 30% cumm, 10% aug, loc schinck <5%,											
loc rextz to higher bio, pegmatite											

50 done

5-47

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-47
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12005	2108	2138	90	

Depth (1"=40')	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0-14	0-14.2 overburden - glacial till	12005	2108									
14.2	AX Core Below											
14-63	14.2-56.5 mg eucritic gabbro			3 10	3 7 10		0.2 4 14	0.1 3 12	0 1 0 2 2			
	40-50% plag laths-basic, 15-% hbl aug and ≤5-20% bz			3 7 10	4 2 10		0.5 0 14	0.1 8 19	0 1 0 2 9			
	may be intergrown-oph, loc poik, 30% cumm patchy-			4 2 10	4 7 10		0.2 6 14	0.1 5 11	0 1 0 2 2			
	pervasive; mucklass bz, 5% bio, less hbl, aug below			4 7 10	5 2 10		0.1 5 10	0.3 1 15	0 1 0 0 7			
56.5	30', more plag (50-60%) toward bottom			5 2 10	5 7 10		0.1 9 11	0.4 1 15	0 1 0 0 7			
63	31-56.5 3-5% sulfide blebs, vns; mod mag											
63-69	fg diorite											
69	po, cp as vns, tiny segs,											
	f, mg cumm gab											
	56.5-63 f-mg cumm gabbro			5 7 10	6 2 10		0.0 4 15	0.0 5 10	0 1 0 0 7			
	55-60% plag-patchy, 30% cumm patchy, 10% hbl			6 2 10	6 9 10		0.2 6 8	0.0 7 15	0 1 0 0 7			
	clots, 2-3% bio											
	3% sulfide blebs, mod-weak mag											
69-195	63-69 fg diorite dike											
	65% plag, 35% bio, 3% qtz; hbl-bio alt of gabbro											
	3" near contacts, has vert oriented mafic segs											
	tr po, cp											
	69-195 f, mg gabbro			6 9 10	7 4 10		0.1 5 14	0.1 0 10	0 1 0 1 4			
	60% plag ass to patchy, 25-30% cumm patchy, 5-10%			7 4 10	7 9 10		0.3 7 18	0.1 3 18	0 1 0 1 4			
	hbl clots, 5-10% bio segs, 10% peg scattered through-			7 9 10	8 4 10		0.1 2 12	0.1 4 14	0 1 0 1 4			
	out, loc bio schlieds			8 4 10	8 9 15		1.6 9 11	0.4 4 17	0 1 0 8 8			
	69-107 scattered sulfides: 85-89 msv, 104-106 msv			8 9 15	9 4 15		0.1 1 10	0.1 0 17	0 1 0 1 4			
	otherwise 2% scattered vns, dissem blebs; weak			9 4 15	10 4 10		0.0 8 19	0.3 6 15	0 1 0 1 4			
195	mag mg po, cp as blebs and segs, 3" po vn w cp @			10 4 10	10 7 10		1.5 4 14	0.1 5 11	0 1 0 3 7			
	95 strong mag, below 107 barren			10 7 10	11 3 10		0.1 0 12	0.0 5 16	0 1 0 0 7			
	(85.5-87.9, 105.9-106.3, 189-194 core loss)			11 3 10	11 8 10		0.0 2 14	0.1 1 19				

5-48

16

51 done

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,9,0,6	2,0,5,8	2,1,7,8	9,0	

Deposit Area 5
Drill Hole 5-48
Logged by H.M.Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S
0										
-16 01	till	0-16 overburden - glacial till								
16	msv sulf, gab incls	Ax Core Below								
-35 05		16-35 msv sulfides, gabbro incls	16	20	A	1.837	1.021	0.044		
35	sch incls	65% sulfides: m-cg weak mag po, cpas blebs & occas is	20	25		0.501	0.541	0.014		
-78 025		Vnlts; chl, plag, gar incls; 20-25% gabbro incls;	25	30		2.041	0.851	0.107		
		65% plag, fmg, 25-30% dk grn hbl & s patches, 5-10% bio,	30	35		1.861	0.931	0.059	1.90	4.515
		contains 10% sulfide								
		(3' core loss)								
		35-78 schist incls	35	40		0.161	0.031	0.014		
78	f-mg cumm gab, sch incls	well digested: 65% plag, 10% gar, 10% bio, 5% qtz, 10% dk	40	45		0.317	0.171	0.022		
		hbl, lx mt, peg, v. little graph, broken zone 35-40	45	50		0.815	0.619	0.014		
8-107 021		w 25% core recovery								
		3% sulfides, weak mag, cp on fracs, msv vn 44-45	65	72		0.913	0.414	0.007		
107	peg mg cumm gab	(68.5-72.2 3.7' core loss)	72	78		0.118	0.119	0.007		
		78-107 f-mg cumm gabbro, schist incls								
-133 025		60-65% plag asix - patchy relict ig lx, 25-30% cumm,								
133		10% aug hbl - subophi, 5% bio; 30% sch incls (nearby								
	mg cumm gab	in gabbro get rextz, more bio, banding, 5% peg								
33-152 021		1% occas blebs, vnlts, mod mag								
152										
52-162 04	peg	107-133 pegmatite, mg cumm gabbro	111	118		0.191	0.069	0.007		
162		50% pegmatite: KSP, plag, qtz-bio; 50% gabbro (some is								
62-186 03	sch	sch incls) 65% plag, 20% cumm, 10-15% bio, 5% acc oxides,								
		2% sulfides, mod mag, fg po, cp vnlts - sulfides								
Footwall 186		assoc w mt sch incls								
86-210 03	sch	133-152 mg cumm gabbro	133	143		0.211	0.011	0.010	0.312	
205		60-65% plag asix but inst, 10-15% aug sub oph, oph segs,	143	152		0.115	0.068	0.016	2.113	
210	lost	25-30% cumm-chl?, minor oxide, bio, bright green, loc								
		mt graph sch incls								
		1% sulfides assoc w sch incls - vnlts, blebs, strong								
		mag, cp as segs								
		(148.6-151.5 core loss)								
		152-162 pegmatite	152	156		0.713	0.715	0.007		
		KSP, plag, qtz, bio, musc peg w bio antho gab incls of								
		type above								
		1% sulfides assoc w sch incls in gabbro								
		162-186 schist	171	181		0.219	1.397	0.007		
		plag, bio, powdery silty, gar sch; loc mt graph, plag-qtz segs, 0-45° fol								
		177.5-179 cp, po vnlts, mod mag, about 10% cp, 10% po, minor								
		sulfides elsewhere								
		(177.3-177.5 Core loss)								

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,190.6	2,058	2,178	90	

Deposit Area 5
Drill Hole 5-48
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Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
RB-205 Schist	1,190.6	2,058									
As above but more gneissic, less fol., stirred kyt, loc chl, peg											
205-210 (Core loss)											

52 done

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,240	1,843	2,226	90	

Deposit Area 5
Drill Hole 5-49
Logged by H. M. Parker
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Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Au	Deposit
			5	10	15	20		25	30	35		40	45	75 80
0		0-51 overburden - glacial till	1,240	1,843										
		Ax Core Below												
-51 01	till	51-59.5 pegmatite, mg, m-cg gabbro			5,310	5,810		0.1.314	0.0.811	0.0.0.1				
		50% pegmatite: plag?, ksp, bio, minor mvx; 50% gabbro 65% plag and 20% cumm as patches, 10% hbl clots, 5% bio segs, loc 40-60% bio			5,810	6,310		0.0.316	0.0.118	0.0.0.0				
025 51	peg, gab	2% strong mag sulfide segs, blebs, cpas blebs in												
575	mcg eucr gab, peg	po			✓									
75		59.5-75 m-cg eucritic gabbro, peg			6,310	6,810		0.3.718	0.1.216	0.0.0.7				
-89 021	fg cumm gab	60% plag laths-patches; 10% bz, 10% hbl intergrown oph,			6,810	7,510		0.0.811	0.0.619	0.0.0.1				
89		20% cumm patches, loc peg and bio alt; peg is												
9-106 025	mg cumm gab/peg	about 20% of intv												
106		1% sulfide as segs in peg, strong mag, mg po, cpas												
6-118 021	fmg cumm gab	segs												
118		(64.8-65.6 coreloss)												
		75-89 fg cumm gabbro			7,510	8,010		0.3.015	0.3.416	0.0.0.7			T.R.	
8-161 021	mg cumm gab	65% plag and 20% cumm segs as patches, 10% hbl clots,			8,010	9,010		0.1.416	0.1.312	0.0.0.0				
		5% bio flakes; 10% peg, loc brittle alt												
160.5		5% strong mag sulfide vns, fmg po, cpas segs												
		89-106 mg cumm gabbro, pegmatite veins			9,010	10,010		0.0.815	0.1.414	0.0.0.1				
61-183 021	mg cumm gab	80% gabbro: 65% plag, and 15-20% cumm as patches,			10,010	11,010		0.1.310	0.0.619	0.0.0.0				
		10% hbl clots, 10% bio segs, rexte ig tex.; 30% ksp												
183		peg vns												
		1-2% sulfides strong mag, high cp = po?												
83-216 025	fmg cumm gab, pd	106-118 fmg cumm gabbro			11,010	11,710		0.2.017	0.1.017	0.0.0.1				
		50-60% plag, 30-40% ltgm cumm, 10% hbl clots,			11,710	12,710		0.3.214	0.5.212	0.0.0.1				
215.5		loc 10% bio, few sch incls,												
		1% sulfides, strong mag, loc dissem, fg po, cp												
16-248 021	mg cumm gab	as segs												
		(112-113.5 coreloss)												
248		118-160.5 mg cumm gabbro			12,710	13,310		0.1.110	0.1.511	0.0.0.1				
		similar to 89-106; 65% plag lath-patchy and 25% cumm			13,310	14,115		0.0.410	0.0.516	0.0.0.1				
48-285 022	mcg eucr. gab	patches but fg, less., 5-10% hbl-aug clots and oph												
		xtls, 5-10% bio segs, 141.5-150 kspar plag peg w			15,010	16,015		0.2.712	0.2.313	0.0.0.0				
		loc gneissic trdg bio clots, also few peg vns in rest of intv												
		3% sulfide blebs 1/8", weak mag, high cp = po												
Footwall 285.5														
85-300 03	arg fol. sch?	160.5-183 mg cumm gabbro,			16,015	16,815		0.3.019	0.1.113	0.0.0.7				
295		60% plag, 5-10% bio, 5% hbl clots, 25-30% cumm, rexte text,			16,815	17,410		0.4.514	0.2.114	0.0.1.4				
300.5		5-10% peg <5% bz sch incls, also loc base of			17,410	18,010		0.1.813	0.1.819	0.0.0.0				

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-49
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,4,0,1	1,8,4,3	2,2,2,6	9,0	

Depth (1"=40') | % Sulfide (visual) 20 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Deposit
160.5-183: 5% sulfides for intr; segs, mod mag f,mg po, opas segs	1,2,4,0,1	1,8,4,3	1,8,0,0	1,8,5,0		0:2912	0:1,010	0:0,0,1				
183-215.5 f,mg cumm gabbro, peridotite segs			1,8,5,0	1,9,0,0		0:2,119	0:1,119	0:0,0,1				
60% gabbro, hal anorth segs, generally: 60% plag,			1,9,0,0	1,9,5,0		0:5913	0:1,119	0:0,1,4				
25% cumm, 10% hbl, 5% bio segs; 10% talc cumm pd,			1,9,5,0	2,0,0,0		0:4,519	0:3,814	0:0,0,7				
10% dk "oli"-mt clots? ; loc pegmatite			2,0,0,0	2,0,5,0		0:5,218	1:0,616	0:0,1,4			T.R.	
10% med mag sulfides, mg po; cp as separate segs			2,0,5,0	2,1,0,0		0:3,918	0:5,815	0:0,0,7			T.R.	
			2,1,0,6	2,1,5,5		0:4,212	0:2,415	0:0,0,7				
215.5-248 mg cumm gabbro			2,1,5,5	2,2,3,0		0:1,015	1:0,616	0:0,0,1				
65% plag, 25% cumm, 10% hbl, 0-5% bio, loc talc pd			2,2,3,0	2,2,8,0		0:2316	0:1,716	0:0,0,7				
15-20% sulfide segs, ms, med mag to weak mag po, opas segs, blebs.			2,2,8,0	2,3,3,0		2:4,016	0:8,215	0:1,1,7				
			2,3,3,0	2,3,8,0		0:2,418	0:1,517	0:0,0,7				
248-284.5 mcg cumm gabbro			2,3,8,0	2,4,3,0		1:1,113	0:1,819	0:1,1,0	.5,3•0	0:612	0:5.1	
50% plag laths-patches, 15% aug-hbl in bgrnd, 5-10% bio, opx, 25-30% cumm patches, bottom 2' gar, diorite gn. peg 1% disseminated sulfides to 250			2,4,3,0	2,4,8,0		0:4,515	0:3,718	0:0,1,4				
			2,4,8,0	2,5,3,0		0:4,519	0:0,516	0:0,1,4				
284.5-296 plag bio-chl pseudosilliset schist? 30° avg fol.												

53 done

5-50

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1,240,4 20,20	21,63	90	

Deposit Areas
Drill Hole 5-50
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Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-25.6 overburden - glacial till	1,240,4 20,20									
01	till											
		Ax Core Below										
025 25.6	peg gab incls											
32.3		25.6-32.3 pegmatite, gabbro incls		2,516	3,210	7.0	0.148 13	0.2614	01029			
05 42	msv sulf	pegmatite (ksp type) w chl-antho-bio gab incls, large qtz segs		3,210	3,710	5.0	1.0913	0.9319	01095			
021	mg cumm gab	5% sulfides, mod mag segs, vns, oxidized										Ni Cu Co
63												1.5:0' 1:3.3 0:77 0.085
05 70?	msv sulf	32.3-42 msv sulfides		3,710	4,210	5.0	1.1.13	1.2.414	01073	54.81	32.88	
	peg, gab	m-cg mod mag po, cp as blebs, segs										
025		42-63 mg cumm gabbro		4,210	4,710	5.0	1.7.916	0.1.216	01088			
		60% plag and 20% cumm patchy, 5-10% hbl clots, 10-15% bio segs, 10% pegmatite - granitic w chl				1.6						
108												
	f,mg cumm gab	63-70? msv sulfides		6,310	7,010	7.0	2.5.815	0.8.119	01169	25.10	7.10	4.5 0.92 0.43 0.06
021		20% mcg mod mag po, cp as segs, loc gabbro, peg incls; (ground up core from 65.5-70 - lost)										
135.3	m-cg cumm gab	70-108 pegmatite, gabbro										
145		75% ksp type peg w loc chl; 25% gabbro: 65% plag, 10-15% cumm, 20-25% bio; rextz text, patchy										
025 150	schists bottom	108-135.3 f,mg cumm gabbro		1,260	1,310	5.0	0.3.918	0.6.412	01044			
		65% plag and 20% cumm patchy, 10% hbl clots, loc segs, 5% bio segs, loc rextz										
		127-131 2% sulfides in schists, high cp, strong mag fg po				1.0						
		135.3-145 m-cg cummgabbro										
		60% plag-patchy, 20% cumm segs, 5% hbl intergrown w cumm mostly, 10% bio segs, loc ksp peg - 10%										
		145-150 schists		1,450	1,500		2,2.716	01.2.16	01.1.25			
		plag, bio, qtz, chl										
		5-10% mag po, fg; tiny cp grains										

5-26

5-26-32

5-32-42

5-42-63

5-63-70

5-70-108

5-108-145

5-145-150

54 done

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-51
Logged by H.M. Parker
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12453	2056	2147	90	

Depth (1" = 40')	Depth	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0			0.0-31.6 overburden - glacial till	12453	2056								
0-32	01	till	31.6-40.0 m-cg cummgabbro (loc fg)		31.6	37.0		0.22	0.45	0.04			
			60-65% plag, 20% cumm loc dk grn, 10% hbl, 5-10%		37.0	40.0		0.08	0.18	0.01		1.3	
2-40	021	31.6 m-cg cumm gab	bio, rext tex, loc peg vns, sch incls										
		40	5-10% sulfides to 36, tr beyond, strong mag										
0-56	025	peg; gab, schincls	fg po, cp as segs.										
		55.5	40-55.5 pegmatite, gabbro and schist incls.		40.0	55.5		0.10	0.10	0.01		1.4	
		mg cumm gab	80% plag qtz bio ksp?, rare musco peg; 20%										
			gabbro as above and plag, bio, chl schist										
56-121	021		1-2% sulfides - vns, segs, mod-strong mag, fg po, cp										
			as segs.										
			55.5-121 mg cummgabbro (loc fg)										
			texture and composition variable: most common 65% plag - laths-patchy										
			20% cumm patchy-inst, loc antho, bz?, 10% hbl-aug										
			oph segs, 5% bio segs, loc 10% bio; 5% each of peg,										
	121	fg cumm gab	and mt graph bio chl sch incls										
			<1% sulfides assoc w sch incls										
121-166	021		121-166 fg cumm gabbro		123.0	130.0		0.06	0.11	0.02			
			65-70% plag, 20-25% cumm patches, 10% hbl clots, 0-10%		130.0	137.0		0.02	0.02	0.00			
			bio (generally low) as segs, 10% sch incls; mt, graph		137.0	144.0		0.01	0.04	0.00			
	166		chl, bio, gabbro's loc rextz										
166-184	021	mg cumm gab	121-144: 1% sulfide dissem in sch incls, few peg										
	qtz, carb, chl 184		vns, strong mag.										
		fg gab	166-182 mg cumm gabbro										
			65% plag and 20% cumm as patches, 10% hbl-aug, 5-10% bio										
184-238	021		segs, rextz text. 176-182 scattered qtz, carbonate-chl										
			182-238 fg gabbro (loc mg)		228.0	238.0		0.07	0.10	0.01		0.8	
			65% plag and 25% cumm, tan antho? as patches, 10%										
	Footwall 238		hbl clots, tr-2% bio, few peg vns, loc more biotitic-										
238-247	03	fol. sch	hybrid, few sch incls, loc gar diorite										
		246 247 ~~lost~~ bottom	loc sulfide segs: 234.5-238 1-2% strong mag										
			fg po, cp as segs										
			238-246 schist										
			plag, bio, musco, qtz, chl; loc gar, musco is matted										
			0-10° fol										
			trace sulfides										

55 done

5-52

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-52
Logged by H. M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12449	2136	2132	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-22.5 overburden - glacial till	12449	2136									
-23 01	till												
22.5		AX Core Below											
3-36 021	mg cumm gab	22.5-36 mg cumm gabbro											
36	fmg gab	"contaminated" 60-65% plag and 20% cumm as patches,											
6-76 021		15% bio segs, 3% hbl clots in cumm, loc peg rns											
		trace sulfide - strong mag											
		36-76 f-mg gabbro (loc mg rextz)											
76	mcg cumm gab	60% plag and 25% cumm as patches, 10% hbl clots,											
6-94 021		5-10% bio segs, loc peg rns; minor sch incls											
		loc po segs, strong mag											
93.5	msv sulf	76-93.5 m-cg cumm gabbro											
14-107 05		60% plag, 20% cumm patchy, loc antho, 15% bio segs-											
106.5	fg gab, sch incls	patches, tr hbl, few mt graph bio sch incls w											
		sulfides											
7-172 025		tr sulfide blebs, f-mg po, strong mag, cp in po											
		93.5-106.5 msv sulfides			93.5	100.5		2.154	0.749	0.169			
		80%, mg po, mod mag, cp blebs, vnlts, segs, loc qtz,			100.5	106.5		1.447	0.504	0.117			
		gar, chl, (bio) incls, also fg gab incls (as below)				~~[illegible]~~		~~1.83~~	~~0.60~~	~~0.15~~			
		(96.3-99.5 Core loss)											
		106.5-172 f g gabbro (loc mg), sch incls			106.5	111.5		0.193	0.315	0.014			
172	hybrid: gab, peg, sch incls	60-65% plag, 10-30% cumm lor antho, 5-15% hbl,			111.5	116.5		0.203	0.075	0.037			
		2-10% bio, loc gar, 15% mt bio, graph sch incls, loc peg rns			116.5	121.5		0.305	0.245	0.022			
72-196 024		3% sulfide scattered, mostly w sch incls, mod-strong			121.5	126.5		0.451	0.132	0.007			
		mag fg po, cp as segs, vnlts			126.5	136.5		0.118	0.075	0.014			
196	peg	(147.0-150.0, 153.4-158.2 Core loss)			136.5	147.0		0.089	0.144	0.001			
		172-196 hybrid zone: gabbro, pegmatite, sch incls											
16-232 04		75% mg gabbro: 50% plag, 50% bio except few places w usual composition			150.0	162.0		0.020	0.037	0.007			
		have 10% bio; 20% peg: plag, qtz, bio, sometimes porphiblastic, contam			162.0	167.0		0.028	0.050	0.014			
Footwall 232		w brn bio; 10% sch incls: plag, bio, chl, (graph mt), 185.5-190											
		mg encritic gabbro: 30% plag laths, 50% cumm chloritic? patches											
232-250 03	sch	10% aug?, 5-10% bz-pale brn intermediate alt stage?											
250	bottom	trace sulfides											
		196-232 pegmatite											
		lt gray ksp or plag; qtz, sericite (lt grn), loc bio; loc											
		have complete qtz, sericite, clay alt; loc plag bio sch											
		incls											
		232-250 schist											
		plag, bio, qtz fibrolitic musco: peg as above, loc chl segs											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-52
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,349	2,136	2,132	90	

Depth (1"=40') | % Sulfide (visual): 20 40 60 80 100

Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
232-250 cont'd: tr sulfides; mod mag fg po, too contorted fol. to measure										

5-53

56 done

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1,2,3,0,8 / 1,8,5,3	2,2,3,1	9,0	

Deposit Areas
Drill Hole 5-53
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Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0													
0-42	01	drill	1,2,3,0,8	1,8,5,3									
		0-42.0 overburden - glacial till											
		42-45.0 lost, but claimed to be in bedrock by Wyke											
42.0		AX Core Below											
45.0		lost											
45-62	021	45-62 f-mg mafic cumm gabbro			4,5 10	5,3 10		0;1,3 16	0;1,613	01·0,2,2			
		fg mafic cumm gab											
		40-50% plag, 30-40% cumm, loc bz, 10-15% hbl-aug, 0-5% bio,			5,3 10	6,3 10		0;2,2 13	0;1,716	01·0,2,2			
62		2% sulfide segs, blebs, med mag po, cpas segs											
		fmg v mafic gab											
		(Considerable core loss to 52' - Wyke)											
62-109	021	62-84 fmg v mafic gabbro			6,3 10	6,6 10		1·2,3 5	2;6,1 16	01·0,8,8			
		70-80% cumm, 10-15% hbl trnly clots, 10-20% plag segs,			6,6 10	7,1 10		0·2,8 14	0;6,418	01·0,5,9			
		loc peg qtz vn			7,1 10	7,6 10		0·3,2 11	0;1,716	01·0,2,9			
84		10% sulfides, blebs, strong mag po, cpas blebs in po			7,6 10	8,6 10		0·4,4 17	0;2,415	01·0,4,4			
		mg v mafic gab											
		(63.8-66.6 core loss)											
109		msv sulf											
109-115	05	84-109 mg v mafic gabbro			8,6 10	9,1 10		0·2,8 18	0;1,915	01·0,2,9			
115		fg mafic cumm gab											
115-130	021	Composition same as above, loc peg vns w big anthoxlts			9,1 10	1,0,1 10		0·2,7 12	0;1,812	01·0,2,2			
		10% sulfide blebs, mod-strong mag po, some step-			1,0,1 10	1,0,9 10		0·2,4 10	0;1,716	01·0,2,9			
130		msv sulf											
130-136	05	drakeup blebs											
136		fg cumm gab, sch inds, peg											
136-155	025	109-115 msv sulfides			1,0,9 10	1,1,5 10		1·9,5 11	0·4,7 12	01·0,8,8			
		85%, mod mag m-cg po, cpas segs, blebs, chl-cumm											
155		pd inds											
		mg gab, peg											
155-188	025	115-130 fg mafic cumm gabbro			1,1,5 10	1,2,5 10		0;5,4 10	0;3,711	01·0,4,4			
		30-50% plag and 40-60% cumm as patches, 10% hbl			1,2,5 10	1,3,0 10		0;3,5 17	0;2,210	01·0,2,2			
186.3		clots,											
		5-10% sulfide vns, segs, strong mag											
		peg, minor gab											
188-237	04	130-136 msv sulfides			1,3,0 10	1,3,6 10		1·6,9 19	1;2,013	01·1,0,3	4,6;01	29;612	
		90%, mod strong mag m-cg po, cpas segs, blebs,											
		fg pd inds											
Footwall 236.8		136-155 fg cumm gabbro, sch inds, pegmatite			1,3,6 10	1,4,6 10		0;1,5 14	0;2,813	01·0,1,4			
		75% gabbro: 50-60% plag and 30% lt grn bra cumm as			1,4,6 10	1,5,6 10		0·2,4 18	0;2,114	01·0,2,9			
237-260	09 contact poor fol.	patches, 10% hbl, 5% bio: (loc 50%); 20% graph mt											
	9n	sch inds; 5% peg; loc talc pd in bottom 3'											
258		5% sulfide vns, strong mag											
260		lost											
		155-188.3 mg gabbro, pegmatite			1,7,0 10	1,7,6 10		0;6,1 18	1·6,215	01·0,5,1			
		80% gabbro: 30-60% plag, 20% cumm (above 148), anhl (blebs)			1,7,6 10	1,8,1 10		0;1,318	0;1,414	01·01,4			
		10-20% bio, 10% hbl, 20% ksp peg;			1,8,1 10	1,8,6 10		0·5,1 12	0;1,216	0v0,4,4			
		170-186: 10% sulfide segs in peg, high cp.											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-53
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,230.8	1,853	2,231	90	

Depth (1"=40') | % Sulfide (visual) 20 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
188.3-236.5 pegmatitic	1,230.8	1,853	2,020.5	2,041.0		1:501.3	0:01.017	0:01.08.8			
ksp peg, 10% qtz cg gabbro; 60% plag, 25% cumm and 15% bio as patches-intergrown			2,041.0	2,111.0		0:01.16	0:00.215	0:01.14			
202-220.5 10% sulfide vns, strong mag, 5%			2,111.0	2,151.0		1:281.4	0:01.017	0:01.08.8			
schists - plag chl bio (218-219 Core loss)			2,151.0	2,201.5		0:01.014	1:371.2	0:01.01.7		2:21.7	
236.5-258 gneiss											
plag bi-chl, qtz pseudosilli; high plag, qtz v. contorted peady fol.											

5.54

57 dm

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11704	1659	2289	90	

Deposit Areas
Drill Hole 5-54
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Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-50 overburden	11704 1659									
		50-52 fmg antho?gabbro										
0-50 01	till	weathered, broken up; 65% plag patchy, 25% antho?, 5% bio, <5% aug clots										
		10-15% sulfide blebs, few vnlts, cpas blebs in po										
		weak-nonmag										
50 52	f-mg gab											
0-59 06 59	pd	52-59 peridotite		52 10	58 10		0.30 19	0.28 13	0.02 9			
	fg gab	cumm, loc antho, talc; 10-15% aug, 15-loc 30% plag,		58 10	63 10		0.39 18	0.52 12	0.05 9			
9-111 021		mostly as segs										
		5% dissem sulfide blebs-short vnlts, v weak mag										
vert. frac 92 alt	sch incls?	59-92 fg gabbro		63 10	68 10		0.38 12	0.42 12	0.01 4			
99	fg gab	65% plag and 25% cumm/antho (loc bio) as patches,		68 10	73 10		0.67 14	0.86 13	0.04 4			
		10% aug clots, loc 1' zones of talc antho pd		73 10	78 10		0.88 16	0.57 13	0.02 9	2.60	0.52	0.65
111		10 cc 6" msv sulfide vns, 59-81: 10% weak mag blebs,		78 10	83 10		0.11 14	0.56 17	0.03 7			
1-123 04	peg	vnlts cg po, cp as segs or vns; 81-92: 1% strong		83 10	92 10		0.17 5	0.04 14	0.01 4			
123	mg pd	mag										
23-139 025 132	antho gab											
139	mcg cumm pd	92-99 sch incls?		92 10	96 10		0.23 16	0.11 19	0.02 9			
alt 145	mg cumm gab	plag (20%), also bio, serp, vert frac @ 92 w trem?, magnesite?		96 10	101 10		0.61 13	0.20 11	0.09 5			
59-160 021		98-99: 40% plag, 60% hbl; intv might be sheared pd.										
160	peg	15% sulfides, some msv vns, weak/strong mag, fg										
00-171 04 164 167	m-cg gab											
171	peg	99-111 fg gabbro		101 10	111 10		0.86 19	0.38 14	0.08 1			
71-183 021	f-mg cumm gab	65% plag, 25% cumm (v lt. grn) poss. some antho										
183		10% aug clots,										
83-190 04	peg	15% dissem sulfide blebs, loc segs, mg po, weak mag										
190	m, mcg gab, eucritic											
90-215 022		111-123 pegmatite										
		ksp, bio, musc; loc mg plag qtz zones										
215	mg gab	(119.2-120.4 core loss)										
15-227 021 224 226.5	f-m gab	123-132 mg peridotite		123 10	133 10		0.38 12	1.77 18	0.05 9			
232	peg	have antho-talc zone for 2' near the peg above; cumm,										
	fg antho gab	talc, chl thereafter, v little aug alt to hbl - tiny eyes										
27-269 023		5-10% sulfides, cg weak-nonmag po, cp as segs										
		132-139 antho gabbro		133 10	139 10		0.34 15	0.49 17	0.04 4			
		65% plag asic, 25% antho sheafs, 10% aug tiny clots,										
269-272 04 269 272	peg	10% sulfides, vnlts, mg mod mag po, cp as segs										
		132-133 cp segs.										
		139-145 m-cg cumm peridotite		139 10	145 10		0.26 10	0.11 13	0.02 2			
		65% cumm (minor talc) 15% plag asic inst. 10-15% aug-inst										

↓ cont.

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-54
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11704	1659	2289	90	

Depth (1" = 40')	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
272	139-145 cont'd: small compared to cumm,	11704	1659									
272-304 021 mg gab	5-10% sulfide 1/4"-1/2" blebs, m-c g mod-strong											
	mag po											
303.5	145-160 mg cumm gabbro			1450	1500		0.341	0.119	0.014			
304-315 04 peg	55% plag asic-patch, inst, 35% cumm, 10% aug tiny			1500	1550		0.175	0.081	0.014			
314.5 mg cumm gab	intergrowths in cumm, tr bio, 146 alt plag to			1550	1620		0.175	0.107	0.022			
321 vfg gab	white clay											
	5% sulfide blebs, segs, mod-strong mag											
	(146.8-147.6 core loss)											
serp, fg alt	160-164 pegmatite			1620	1680		0.219	0.170	0.029			
15-398 021	ksp, or plag, qtz, bio, musc; chl near contacts, gabbro											
356 fg gab	as above at bottom											
	164-167 m-c g mafic cumm gabbro											
	25-30% plag, 50% cumm, 10% aug, 15% bio											
381 mg gab	10% sulfide blebs, weak-mod mag fmg po											
387 fg cumm gab												
398	167-171 pegmatite			1680	1780		0.085	0.037	0.014			
398-413 024 cg pd-therz?	ksp, qtz, bio, musc, plag?; loc gabbro inds, usual alt											
409 hybrid dior												
413 fg gab	171-183 f-mg cumm gabbro			1780	1830		0.166	0.075	0.029			
413-444 021	65% plag, 20% cumm, loc antho?, 10% aug, 1-2% ilm?											
	3% sulfide blebs and few segs, fairly strong mag, cp											
	as tiny blebs in po											
Footwall 444 gradational amphib, gneiss												
444-503 09	183-190 pegmatite			1830	1910		0.374	0.277	0.037			
	ksp plag qtz bio musco w sulfide vns											
	5% sulfides weak mag, very tiny pn, cp as segs.											
fol.	(189.9-190.7 core loss)											
	190-215 m, m-cg gabbro (eucritic)			1980	2170		0.114	0.078	0.017		1.65	
	55-60% plag patchy but inst ig tex, 5-10% aug gen.											
	Small clots, 25-30% cumm/bz, loc antho poik to oph											
	1-2% sulfides, strong mag blebs											
502.6												
503-510 04 peg	215-224 mg gabbro (loc cg)			2170	2265		0.086	0.068	0.016		1.41	
509.5												
510-524 09 fol. gn	60-65% plag, 25% antho/cumm variable proportions, 2-3%											
524	bio, 5-10% rounded graph-mt segs											
sch-gn	2% po, cp assoc w graph-mt											
524-550 03 fol.												
545 fol. 547 lost	224-226.5 f-mg cumm gabbro											
550	65% plag and 25-30% cumm as patches, 5-10% aug											
	clots, loc antho and bio											
	226.5-232 pegmatite											

5-54

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-54
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,170.4	1,659	2,281.9	90	

Depth (1"=40') | % Sulfide (visual): 20 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
226.5-232 contd: plag, qtz, bio, musc; loc ksp	1,170.4	1,659									
232-269 fg antho gabbro			232.1	241.1		0.1.18	0.0.619	0.0.21		1.816	
65-70% plag, 25-30% antho (cumm-bio near upper contact), 5% aug			241.1	251.1		0.0.976	0.0.415	0.0.15		1.610	
augite, 3-5% bio; anorth and mafic bands, irregular			251.1	257.1		0.1.110	0.1.713	0.0.27		2.010	
contacts loc peg vns											
3% sulfides, strong mag											
269-272 pegmatite											
mg ksp, plug, qtz, bio musc											
272-303.5 mg gabbro			274.1	291.1		0.0.610	0.0.612	0.0.1.0		0.913	
65-70% plag, 25% cumm and antho, 5% aug - trnty clots, loc 1/4" xtls			291.1	306.5		0.0.717	0.0.414	0.0.1.6		1.218	
2-3% bio, 5% locally, loc mt-graph											
1-2% disem sulfide blebs - scattered, weak mag											
303.5-314.5 pegmatite			306.1	311.5		0.9.110	0.3.410	0.0.37			
ksp, plag, qtz, musc, bio; cumm, antho, bio (40% plag)			311.5	320.5		0.1.715	0.0.215	0.0.0.7			
gabbro incls; do not always get antho near peg											
10% sulfides as 6", 1' msv vns, mg weak mag											
314.5-321 mg cumm gabbro											
60% plag and 25% cumm (some hbl?) as patches, 10% aug clots, 5% bio,											
1-2% sulfides as segs, strong mag											
321-356 vfg gabbro			320.5	325.5		1.1.95	0.8.311	0.0.8.8			
70% plag, and 20% cumm/antho as intergrown patches, 10% aug			325.5	331.0		1.0.410	0.2.614	0.0.8.1	1.015	1.1.1	0.5.3
clots, 2% bio; have mg gabbro w/in or near sulfides			331.0	341.0		0.4.417	0.4.513	0.1.0.3			
340-342 broken zone, loc serp, 1/4" round pebbles w			341.0	344.9		0.1.114	0.0.811	0.0.4.4			
Fe stain on outside, vfg, seen @ 342			344.9	350.7		0.1.011	0.1.216	0.0.3.7			
321-334: 15% sulfides as 3"-8" vns, f-mg weak											
mod mag po, cp as segs											
334-356: 3-5% sulfides blebs and segs, esp cp											
blebs											
(339.8-341.0, 345.3-348.0 core loss)											
356-381 fg gabbro (loc mg)			350.7	360.7		0.2.111	0.0.914	0.0.4.4			
70-80% plag, 15-20% cumm/antho as interlocking			360.7	370.7		0.1.817	0.1.113	0.0.3.7			
patches, 7% aug vfg clots, loc qtz vns, loc swirled tex,			370.7	380.7		0.0.913	0.0.715	0.0.2.9			
loc schincls, loc anorth											
3-5% sulfides - small vnlts, patches, fg, weak to											
strong mag											
381-387 mg gabbro											
65% plag, and 25% hbl-cumm as patches, 10% aug intergranular cumm											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1170.1 1659	2289	90	

Deposit Area 5
Drill Hole 5-54
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Depth (1"=40') — 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
381-387 cont'd: a few plag laths, 1% strong mag cg sulfides, esser w 1" peg dike	1170.4	1659									
387-398 fg cumm gabbro 65-70% plag, 25% cumm, 5-10% aug, 5% bio, 5% sulfides as VHS and segs, mod-strong mag			387.0	394.0		0.2	0.1	0.0			
398-409 cg peridotite - lherzolite? 25% plag, 40% cumm/bzt loc alt to chl, 20% aug intergroon w cumm, loc 10% mt and blk serp? (mag) 15% 1/8-1/2" inst rounded sulfide blebs, nearly every bleb has tiny cp indicates no communication between blebs on cooling?, v weak mag			394.0	400.0		0.7	0.4	0.1			
			400.0	405.0		0.6	0.4	0.1			
			405.0	410.0		0.5	0.2	0.1			
409-413 Hybrid diorite plag, bio, gar, some dk hbl? minor, gneissic tx, Sl. banded			410.0	415.0		0.0	0.1	0.0			
413-444 fg gabbro 65% plag, and 20% cumm, antho? intergrown pakky 10% aug vfg clots, loc schists, gradational lower contact 435-444			415.0	430.0		0.0	0.0	0.0			1.1
			430.0	445.0		0.0	0.0	0.0			0.7
444-502.6 gneiss, amphibolite plag, bio qtz gneiss and predominate bio, hbl, sericit amphibolite, loc peg. The amphib is hard to tell from gabbro except by high mica, esp. sericite and fol. There may be some gabbro mixed in however. 0-20° fol											
502.6-509.5 pegmatite vein broken zone											
509.5-524 gneiss plag, gar, qtz, bio, musco; loc silli or psuados silli; loc blk serp; banded 0-15° fol											
524-545 schist-gneiss plag, hbl, bio; compositionally banded, could be considered a gneiss, similar to 444-502.6, 0-10° fol											
545-547 gneiss plag, bio, qtz 0-10° fol slight decussate tex											

58 done

5-55 Run 1

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-55-Run 1
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate *	Collar Elev.	Angle	Azimuth
				1,2,3,0,4 * 1,7,5,5	2,3,1,1		

* Coordinates given are for Run #2. (This run was 2' away from it - Wyke)

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-75 overburden - glacial till	1,2,3,0,4 * 1,7,5,5									
0-75	01	till		75.0	86.5		0.798	0.314	0.076		1.376	
		75-86 mg cumm gabbro		86.5	93.5		0.160	0.062	0.016		2.75	
		60% plag patches and 30% cumm sheafs, 10% hbl										
		intergrown w cumm										
		15% strong mag sulfides, mg po, cp as blebs in										
		po										
		86-93.5 mg pegmatite										
		ksp, plag, qtz, bio peg, loc musc, loc cg, loc gar										
		2-3% sulfide - strong mag segs										
75-86	021	mg cumm gab										
86-94	04	mg peg		93.5-99 mg gabbro		93.5	99.20	0.078	0.044	0.014	1.07	
		50% plag, loc segs, 30-35% cumm sheafs/antho, 15-20%										
		bio										
94-111	023	fg antho gab		99-111 fg anthogabbro								
111-115	025	schincls										
115-121	05	msv sulf		Same general composition as above, but antho pre-		102.0	107.0	0.117	0.037	0.016	1.64	
				dominates.		107.0	115.0	0.268	0.646	0.029	4.31	
121-133	04	peg		5% sulfide vns, bleb, and assoc w sch incls								
				strong mag, cp segs								
133-184	021	mg gab		111-115 sch incls								
				plag biogar								
				5% sulfide, strong mag fg po								
		lost bottom		115-121 msv sulfides								
				60%, strong mag, cp as blebs, 40% peg, biocumm gab,								
				sch incls								
				121-133 pegmatite		121.0	131.0	0.025	0.156	0.006	0.30	
				ksplype, 122-124, 125.5-127 have mg biocumm		131.0	141.0	0.169	0.160	0.015	1.55	
				gabincls w asic plag								
				133-179 mg gabbro, loc fg		141.0	151.0	0.103	0.109	0.011	0.73	
				65% plag, 20-25% cumm/antho, cumm predom., 5-10%								
				hbl, 5% bio,								
				1-2% sulfides rare blebs								
				Drilling problems forced termination of hole at 183.6'								
				Core missing 179-183.6 Wyke 1 alt gabbro								

59 done

5-55 Run 2

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-55-Run 2
Logged by H. M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12304	1755	2311	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-71.5 overburden - glacial till	12304	1755									
		AX Core Below											
0-72	01	Note: See Run 1 for log to 179', Notes below compare the two runs											
		Run 1 intv Run 2 intv											
		75-86 75-86 10% sulfides, more disseminated,			71.5	80.5		0.292	0.283	0.073			
		fewer vns.			80.5	86.5		0.292	0.270	0.088			
71.5		86-93.5 86-90 coarser grain			86.5	92.0		0.138	0.113				
72-86	021	mg cumm gab											
86		93.5-99 90-98 60% fg gabbro, sch incls, 10% bio,			92.0	97.0		0.731	0.340	0.088			
86-90	04	peg			97.0	107.0		0.105	0.157	0.014			
90		mg gab											
90-98	021	98											
98-115	023	f, mg antho gab											
115		99-111 98-115 f, mg antho gabbro: 60% plag,			107.0	115.0		0.041	0.089				
115-120	05	msv sulf											
120		111-115 25-30% antho, 10% hbl, 5% bio,											
127		mg cumm gab, peg											
		loc talc pd 103-105											
		2-3% sulfides, strong mag, assoc											
		w sch incls, mdy											
		mg gab											
		115-121 115-120 40% msv sulfide			115.0	121.0		0.683	0.428	0.059			
120-196	021												
		121-133 120-127 30% peg vns, 70% mg cumm			121.0	131.0		0.138	0.170				
		gabbro: 60% plag, 30% cumm, 10%			131.0	141.0		0.143	0.100	0.015		1.33	
		hbl, patchy tex,											
		2% mod mag sulfides											
189.5		133-179 127-189.5 loc peg vns to 144, v little			141.0	151.0		0.084	0.133	0.011		0.75	
196		fg cumm gab											
		antho in gabbro, strong mag											
		sulfides, 1-2%											
196-231	021	mg cumm gab											
		Run 2 continues by itself from here											
231		185.5-196 fg cumm gabbro											
231-240	05	msv sulf											
239.5		60% plag and 30% cumm lt grn, 10% hbl											
		trace sulfide											
		(195.1-196.0 core loss)											
		196-231 mg cumm gabbro			195.5	200.0		0.902	0.157	0.066			
		30-40% plag and 50-60% cumm patches, 10% hbl clots,			200.0	205.0		0.853	0.567	0.059			
		rext. tex.			205.0	210.0		0.626	0.434	0.059			
		15% sulfides disseminated and blebs, f-mg mod-mag			210.0	215.0		0.829	0.277	0.088			
		po, cp as blebs in po; loc cp segs			215.0	220.0		0.479	0.182	0.088			
					220.0	225.0		0.414	0.283	0.059			
		231-239.5 msv sulfide vein			225.0	231.5		0.195	0.233	0.044			

cont.

5-55 Run 2

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,3,0,4	1,7,5,5	2,3,1,1	9,0	

Deposit Area 5
Drill Hole 5-55-Run 2
Logged by H.N. Parker
Date 1973
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Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
239.5		23-239.5 cont'd: 90% sulfide, m-cg po, cpas	1,2,3,0,4	1,7,5,5	2,3,1,5	2,3,9,5		1:9,3,4	0:3,0,18	0:0,7,3	54.81	32.02	
		blebs in po, weak mag, loc peg? few inch's of peg											
		and sch inch's just above											
		(4' core loss in intv)											
mg mafic cumm gab, pd, peg	025	239.5-311 mg mafic cumm gabbro, peridotite, peg			2,3,9,5	2,4,5,0		0:5,4,4	0:2,4,5	0:0,5,1			
		45% gabbro: 20-30% plag and 60-70% cumm patchy sheafs			2,4,5,0	2,5,0,0		0:5,2,0	0:2,2,0	0:0,6,6			
		10% talc/chl clots; 45% cumm-talc peridotite, minor hbl?			2,5,0,0	2,5,5,0		0:2,6,0	0:1,5,1	0:0,3,7			
		10% ksp(perthite), qtz peg, minor bio			2,5,5,0	2,6,0,0		0:3,4,9	0:1,3,8	0:0,2,9			
		10-15% sulfides to 278, 5% below; mod mag po			2,6,0,0	2,6,5,0		0:3,5,3	0:5,6,0	0:0,2,2			
		blebs w cp assoc w po.			2,6,5,0	2,7,0,0		0:3,9,0	0:2,0,7	0:0,3,7			
311					2,7,0,0	2,7,5,0		0:2,2,7	0:1,7,6	0:0,1,4			
mg antho gab	023	311-333 mg antho gabbro			2,7,5,0	2,8,5,0		0:3,0,1	0:0,9,4	0:0,3,7			
311-333		50-60% plag, 40% antho segs antho:cumm = 3:1, 5% hbl			2,8,5,0	2,9,5,0		0:3,3,7	0:2,1,6	0:0,5,1			
333		5-10% bio, few cumm-antho talc pd segs.			2,9,5,0	3,0,5,0		0:3,2,1	0:1,1,3	0:0,1,4			
f,mg cumm gab	021	10% sulfides, rounded blebs, mod mag mg po, cp			3,0,5,0	3,1,5,0		0:2,0,7	0:0,8,8	0:0,0,7			
333-357		w po			3,1,5,0	3,2,5,0		0:1,7,1	0:0,8,8	0:0,0,7			
357					3,2,5,0	3,3,3,0		0:0,9,7	0:0,4,4	0:0,1,4			
fmg cumm gab		333-357 f,mg cumm gabbro			3,3,3,0	3,3,8,0		0:8,2,5	0:3,8,4	0:0,5,1			
357-372	021	60-65% plag, and 25% cumm as patches, 10% hbl,			3,3,8,0	3,4,3,0		1:2,1,1	0:2,5,8	0:0,6,6			
366		30% sulfide rns, segs to 350, 10% below; mod mag po,			3,4,3,0	3,4,9,0		0:7,3,4	0:2,6,4	0:0,2,9			
m-cg cumm gab		cpas blebs in po			3,4,9,0	3,5,6,0		0:4,7,1	0:3,8,4	0:0,2,9			
372					3,5,6,0	3,6,4,0		0:0,2,4	0:0,1,8	0:0,0,1			
m-cg antho gab		357-366 fmg cumm gabbro			3,6,4,0	3,7,4,0		0:0,8,1	0:0,3,7	0:0,0,1			
372-384	023	60% plag asic, 25-30% inst. cumm, 10% hbl clots											
384		5% bio, few flakey segs; this is a late dike?											
mg cumm gab													
384-409	021	366-372 m-cg cumm gabbro											
409		65% plag-patchy asic, 25% cumm, 10% hbl clots, few											
cg eucrite gab		segs, tr bio											
		5% sulfide blebs, weak-non mag											
409-450	022												
450		372-384 m-cg antho gabbro			3,7,4,0	3,8,4,0		0:0,2,0	0:0,1,2	0:0,0,1			
fg gab, sch inds		as above; 65% plag asic and 25% antho patchy											
	025	10% bio segs, tr hbl,											
450-486		1% sulfide blebs, weak mag											
Footwall 486													
		384-409 mg cumm gabbro (loc fg)											
486-504	03	60% plag asic/patchy, 30% cumm patches, 10% hbl											
Sch-gn	Sol.	clots, few segs,											
504		tr sulfide blebs											
bottom													
		409-450 cg eucrite gabbro											
		60-65% plag (loc segs) and 25% cumm (bz to 10%)											
		as pulchies, 10% aug-hbl, 5% (loc 15%) bio segs,											
		few mg zones, 443-445: fg plag, hbl, bio, gar, diorite dike											

5-55-Run 2

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-55-Run 2
Logged by H. M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12304	1755	2311	90	

Depth (1"=40')	20 40 60 80 100 % Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
		450-486 fg gabbro, schist incls - hybrid zone	12304	1755									
		60% gabbro: 65% plag, 25% cumm/antho, 10-50% bio,											
		40% sch incls											
		tr sulfide blebs											
		486-504 schist gneiss			4860	5040		0.018	0.041	0.009		2.22	
		plag, bio, qtz; loc mt, vf bands, indistinct fol.											
		20°											
		1-2% sulfides, fg po											

5-56

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-56
Logged by H.M.Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,189.5	1,672	2,324	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-53 overburden - glacial till	1,189.5	1,672									
		AX Core Below											
till		53-134 msv sulfides			5,310	6,510		1:8210	0:9914	01:176			
53		95%, m,cg po, weak mag, cpas blebs, segs; gen chl, plag incls, loc peg (53-65 have 8' coreloss - weathered zone, 65-70 1' loss)			6510	7010		1:914	0:7615	01:169			
					7010	7510		1:914	0:7615	01:169			
					7510	8010		1:8619	0:739	01:161			
msv sulf		134-152.5 fg antho gabbro (loc mg)			8010	8510		1:6919	0:7615	01:147			
		65% plag and 25-30% yell grn antho as patches			8510	9010		1:7614	0:9118	01:147			
		5% bio, 5% hbl-aug clots, loc peg, oxide segs			9010	9510		2:1219	1:0711	01:191			
		75° frac @ 142			9510	10010		1:9216	0:7319	01:176			
		2% sulfides, loc dissem segs, weak mag			10010	10510		1:8112	0:7319	01:176			
					10510	11010		1:5610	0:6317	01:169			
		152.5-235.5 mg cumm gabbro (lox f-mg)			11010	11510		1:7712	0:7910	01:191			
		65% plag, and 25% cumm (loc antho bottom 10'), 5-10% bio segs, 5-10% hbl-aug, loc peg (10%), loc schinds (2-3%)			11510	12010		1:4066	0:3416	01:147	43:21	24:912	
		153-184 5% sulfide blebs - scattered, weak mag, except strong mag near mt grupt schinds			12010	12510		1:9617	0:8715	01:176			
					12510	13010		1:6822	0:7714	01:147			
			143.8705		13010	13415	A:5	1:0819	0:636	01:125	8:1:5	1:717	0:8.0 0:1.7
134		184-226 1% scattered sulfide blebs, mod-strong mag			13415	14415		0:2311	0:094				
34-153	023 frac,	fg antho gab			14415	15415		0:1413	0:094				
		226-235.5 2% dissem blebs, weak mag			15415	16415		0:1518	0:1113	01:029			
152.5					16415	17415		0:0811	0:0510				
		mg cumm gab			17415	18415		0:1416	0:0619				
		235.5-285 msv sulfides											
53-236	021	90%, f-mg po (loc cg) weak mag, cpas segs, loc fg antho gab incls, plag peg (banded-gneissic)			22610	23610		0:1114	0:0811	01:029			
					23610	24110		1:739	0:6014	01:103	4:7:21	2:6:919	
		285-350 f, vfg cumm gabbro			24110	24610		1:739	0:4411	01:139			
		65% plag and 20% cumm as patches, 5-10% aug-hbl, 5% bio; graph mt schinds			24610	25315	7:5	1:9216	0:5610	01:147			
		285-325 1% sulfide vnlts and assoc w schinds			25315	25810	A:5	0:3411	0:1119				
					25810	26310		1:8815	0:4218	01:183			
		325-350 5% sulfide assoc w schinds			26310	26810		1:8717	0:5815	01:147	5:1:61	28:817	
					26810	27310		1:9314	0:8317	01:132			
		350-354 msv sulfide (95+%)			27310	27810		1:8914	0:5912	01:125			
		f-mg weak mag, po, v little cp (trny blebs)			27810	28510	7:0	1:2119	0:3217	01:110	4:9:0	1:78	0:5.0
235.5					28510	29010		0:2410	0:1017				
		354-382 mg mafic cumm gabbro			29010	30210		0:1016	0:1311	01:022		1:614	
236-285	05	msv sulf			30210	31310		0:0716	0:0818	01:020		1:1:6	
		30-50% plag and 30-50% cumm as patches but have igneous tex, loc talc, 10-15% hbl/aug			31310	32410		0:0311	0:0210	01:015		0:4:0	
		10-15% sulfides; blebs, segs, weak mag po, cpas trny blebs, vnlts			32410	33410		0:2814	0:1517	01:029			
					33410	34410		0:1510	0:0914	01:037			
					34410	35010		0:3714	0:6617	01:037			
Sulf.		382-392 cg msv sulfides			35010	35510		1:8210	0:1414	01:191			
285		75%, mod strong mag po, cpas trny blebs and segs, gabbro incls			35510	36010		0:2814	0:4314	01:044			
					36010	36710		1:0413	0:4013	01:095			

5-56

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-56
Logged by H. M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11895	1672	2324	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
285		392-408 fg cumm gabbro.	11895	1672	367	372		0.21	0.11	0.044			
		60% plag - tiny asic bundles, 30% cumm poik? patches			372	377		0.21	0.13	0.037			
		10% hbl - tiny clots, 1-2% bio; loc talc/chl pd, sch			377	382		0.21	0.24	0.044			
285-350	021	incls			382	387		1.78	0.69	0.176	5.24	30.2	
		5-10% sulfides, blebs and msv vns, mod mag			387	392		1.26	0.15	0.125			
					392	397		0.40	0.55	0.066			
		408-418 schist incls, gabbro, pegmatite			397	402		0.17	0.11	0.044			
		predominately plag bio qtz schist, loc vert fracs			402	408		0.50	0.11	0.073			
		15% sulfides, strong mag, fgpg cp as segs			408	413		0.46	0.23	0.073			
350-354	05	350 354 msv sulf			413	418		0.85	0.15	0.088	6.8	0.72	0.27
		418-438 pegmatite, schist incls			418	428		0.08	0.05				
354-382	021	mg mafic cumm gab											
		ksp (perthitic), plag, qtz, bio, musc											
		2% dissem sulfides, mod-strong mag											
382-392	05	382 392 cg msv sulf											
		438-445 mg cumm gabbro hybrid rx											
		65% plag and 25% cumm, 10% bio segs, 2-3% tiny											
392-408	021	fg cumm gab											
		445-488 schist											
408-418	025	408 418 schincls, gab, peg											
		plag, qtz, bio, graph w peg segs of plag-qtz											
418-438	04	peg, schincls											
438-445	Footwall 021	438 445 mg cumm gab hybrid											
445-460	03	sch											
		458 460 lost bottom											

5-57

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,121,10	1,758	2,291.7	90	

Deposit Area 5
Drill Hole 5-57
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0			5	10	15	20		25	30	35		40	45 70 80
0-28.5	01	0-28.5 overburden - glacial till	1,121,10	1,758									
	till	AX Core Below											
28.5													
28.5-45	023	mg anth gab			2,815	3,310		0.43 10	0.38 18	0.025		4.01	
		65-75% plag, 15-20% antho, loc cumm patches, 5-10% hbl tiny clots, 5-15% bio segs 29-33, 43-45 5% sulf. bleb, mod mag and weak mag respectively, high cp.			3,310	4,310		0.126	0.2215	0.012		1.212	
45					4,310	5,210		0.1 519	0.2410	0.012		1.410	
45-79	025	fg gab, pgs											
79		45-79 fg gabbro, pegmatite			5,210	6,210		0.2514	0.312				
		60% plag, 20% cumm/antho, 10% hbl; 15% pegmatite			6,210	7,210		0.0511	0.0818				
		3% sulfide blebs to 60, 1% thereafter (occurs) high cp, mod mag			7,210	8,210		0.2712	0.2717				
79-126	021	f,mg cumm gab											
		79-126 f,mg cumm gabbro			8,210	9,210		0.150	0.2614				
		40-60% plag - patchy, 20-40% cumm, loc antho, loc 10% bio segs, 5-10% hbl, loc ksp peg 107-113			9,210	10,210		0.3211	0.2518	0.044			
126					10,210	11,310		0.0719	0.0715				
		79-84 3% sulfide blebs			11,310	12,310		0.2910	0.3115				
26-155	021	f,mg cumm gab											
		116-126 5% vns			12,310	13,310		0.0917	0.1312				
		rest of intv 1% med mag scattered blebs, disseminations											
155													
		126-155 f-mg cumm gabbro			13,310	14,310		0.1314	0.0818	0.013			
55-175	021	fmg cumm v mafic gab			14,310	15,310		0.4711	0.1414	0.044			
175		50% plag, 35-40% cumm, 10% hbl, mt schists at bottom 1-2% sulfides to 142, loc blebs, 142-155 5-10% segs, mg po, weak mag, cpy as tiny blebs			15,310	15,810		0.4511	0.1915	0.066			
		155-175 fmg cumm v mafic gabbro			15,810	16,310		0.573	0.2518	0.081			
75-216	021	fmg cumm gab											
		20-40% plag asic, some segs, 30-40% cumm, 10% hbl, loc 10-20% antho, loc chl, patchy txt, subhedral xtls.			16,310	16,810		0.5713	0.4013	0.054			
					16,810	17,310		0.5611	0.2220	0.050			
		15% sulfide blebs, segs, gen weak mag, cpy as blebs			17,310	17,810		0.6412	0.2813	0.059	3.510	0.153.1	0.213.
216		bl po											
216-223	022	pd, euc, pyrox											
		175-216 fmg cumm gabbro			17,810	18,310		0.2912	0.0516	0.030			
223-247	021	fmg gab			18,310	19,310		0.0611	0.0317	0.007			
		50% plag, 35% cumm, 10% hbl, 5% bio, patchy tx, loc igneous tx (eucrite)			19,310	20,516		0.1110	0.0414	0.014			
		6" sulfide xn @ 150, also @ 206-208.5			20,516	20,916		1.6011	0.2819	0.150			
246.5		rest of intv is 1-7% scattered blebs, segs, but 8% for whole intv; mss v sulfides are weak-med mag w mgpo			20,916	21,410		0.1310	0.2512	0.014			
285					21,410	22,410		0.5613	0.7413	0.060			
247-~~272~~ 285	04	mg pd, peg			22,410	23,410		0.4515	0.3910	0.041	2.29.4	0.601	0.148
285		216-223 peridotite, eucrite pyroxenite											
		50% peridotite: Tale - chl; 50% pyrox, m, f-mg; 0-10% plag loc segs 35% bz, 15% hbl, <10% cumm											

5-57

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-57
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
	5		10	1,2,1,1,0	1,7,5,8	2,2,9,7	9,0	35

Depth (1"=40') | % Sulfide (visual) 20 40 60 80 100

			Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
285				5	10	15	20		25	30	35		40	45
	carb ball, frags, gouge	AVS, fg ss	216-233 cont'd: 10-15% sulfides, blebs, segs, weak and mod mag, apas segs	1,2,1,1,0	1,7,5,8									
285-328	021	cumm gab	233-266.5 fmg gabbro			2,3,4 10	2,4,4 10		0:4 4 13	0:2 2 16	0:0 4 5		3.8 14	0:5.6, 0:4.1
			65% plag patches; 25% cumm/anktho, 5-10% hbl/clots, 0-5% bio			2,4,4 10	2,5,4 15		0:2 6 18	0:1 4 14	0:0 2 6			
			5% sulfides, 2" vns, segs, blebs, weak mag			2,5,4 15	2,5,9 15		0:5 5 13	0:0 9 14	0:0 9 5			
328			apas segs			2,5,9 15	2,6,5 15		1:0 4 10	0:3 2 17	0:1 0 3		1.1 0	0:8.2, 0:2.2
328-352	025	m-cg cumm gab, peg				2,6,5 15	2,7,5 15		0:1 7 19	0:0 8 11	0:0 1 8		5.9 19	0:5.5, 0:3.3
352			266.5-285 mg peridotite, pegmatite			2,7,5 15	2,8,5 15		0:1 9 15	0:0 8 18				
352-372	021	fg cumm gab loc mg	talc, chl, antho, pd; away from peg have chl/hbl/cumm pd											
			loc gabbro											
			3% sulfide blebs assoc w gab, mod mag; V little sulfide assoc w peridotite, esp antho pd											
372														
372-403	carb-hbl alt → 021	m-cg gab	285-328 vf, fg cumm gabbro			2,8,5 15	2,9,3 10		0:0 3 19	0:0 3 15	0:0 1 1		1:1 14	
			60% plag, 30% cumm, 10% hbl, 10% bio, loc meso mafic											
403			293-295: carb frac zone, gouge			3,1,3 10	3,2,4 0		0:2 2 19	0:1 1 5	0:1 0 2 4		3:8 19	
403-424	025	fmg gab, peg schist	314-324 10% sulfide vns, mod mag pe, apas segs, 1% elsewhere, occas vns, segs											
	Footwall 424	sch												
424-433	03 433		328-352 m-cg cumm gabbro, pegmatite											
			60% gabbro, 40% pegmatite; gab: plag segs 55%, cumm segs 35%, bio segs 10%, tr hbl (loc 5%), peg is ksp, plag, bio, qtz, musc, loc fg schist incls											
			352-372 fg cumm gabbro (loc mg)			3,6,6 10	3,7,2 10		0:0 4 19	0:0 4 1	0:0 1 5		1:7 14	
			60% plag basic, patchy, 30% cumm, 10% hbl clots											
			Similar to above, rextz											
			1% sulfides, strng mag, scat blebs											
			372-403 m-cg cumm gabbro (loc eucritic)											
			65% plag (pkhrs) and 25% cumm (loc bz) have rextz tex.											
			10% hbl intergrow w/ cumm											
			385' ± carbonate alt zone, hbl, loc 1" hbl alt zones beyond											
			403-424 fmg gabbro, pegmatite, sch incls			4,0,6 10	4,1,2 10		0:1 8 13	0:0 9 17	0:0 3 1		4:4 19	
			65% plag, 25% antho/loc cumm chl segs, 10% hbl clots											
			408-416 20% sulfide segs, strong mag											
			424-433 schist											
			plag, bio, psuedosilli, qtz; loc chl, hybrid near top											
			50-60° fol											

5-58

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,160,4	1,713	2,280	90	

Deposit Area 5
Drill Hole 5-58
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0			5	10	15	20		25	30	35		40 45	78 80
0-40	01	0-40.0 overburden, no core, glacial till Ax Core Below	1,160,4	1,713									
40	till												
40-46	021	40-46 f,mg cumm gabbro, ksparpegmatite 65-70% plag, and 20-25% cumm, aspatches 5-10% aug, stringers 5-10% bio,			4,010	4,518		0,0,811	0,0,619				
		more loc., 20% pegmatite, quartz loc.											
46	hngrcumgb												
46-84	022	46-84 cg, m-c eucrite			4,518	5,310		0,5,913	0,1,113	0,1,02			
	cg,m-cg eucrik	cg to 5-5, m-c or mg below; 50% plag uaj-laths			5,310	6,310		0,1,318	0,1,017				
		inst patches, 20% oph aug, also suboph clots-segs,			6,310	7,310		0,1,612	0,1,119	0,0,3,7			
		15% cumm loc alt to chl, 15% bz, oph; less bz			7,310	8,310		0,1,212	0,0,715				
84	gradational contact	toward bottom; loc olivine cumm lays 2" thick											
		olivine alt to 1/16" balls of serp, mt, grad. contact bottom											
		over 10 feet											
	mg	46-55 15-20% sulfides, inst, loc 3" msv vns,											
84-133	021	loc moly selvage, 5% sulfides below, weakly mag											
	gab												
		84-133 m, loc m-cg gabbro			8,30	9,310		0,2,013	0,1,017				
		45% plag, and 25% cumm/antho as patches to asic			9,310	10,310		0,1,617	0,1,113	0,1,0,3,7			
133		5-10% aug, 0-5% bio; esp w anthro, loc bz,			10,310	11,310		0,2,610	0,1,017				
	fg cumm gab	5% sulfides blebs, segs, mod mag po, cp as tiny			11,310	12,310		0,0,913	0,1,414				
133-149	021	blebs, few msv vns 109' 3", 128' 4"			12,310	13,310		0,1,817	0,0,715				
149													
149-160	04	133-149 fg cumm gabbro (loc mg texte)			13,310	14,510		0,0,6,0	0,0,6,0	0,1,0,1,4		1,1,12	
160	peg	65% plag - patches, 25% cumm, loc antho, 5-10% bio											
160-176	025	5% aug clots intergrown w cumm,											
176	mg gab schinels	3-5% mod mag sulfides, tiny blebs, inst.											
176-213	021	149-160 pegmatite											
	mg cumm gab	ksp, plag, qtz, bio, musc											
213		160-176 mg gabbro, schinels			16,010	16,810		0,3,415	0,1,113				
	fg gab sch inels	60% plag, 30% talc/cumm/antho, 10-15% bio, 5%			16,810	17,610		0,1,714	0,1,010				
213-265	025	oxides - aug, mt-bio schinels abundant											
		5% strong mag sulfides											
		176-213 mg cumm gabbro (loc m-cg)			17,610	18,610		0,1,919	0,2,017				
		65% plag (patchy), 20-25% cumm, loc antho near top			18,610	19,610		0,0,816	0,0,510	0,1,0,1,0		0,916	
		5-10% bio, 5% aug in cumm, loc schinels			19,610	20,610		0,2,114	0,2,613	0,1,0,1,2		0,916	
265		176-186 5% disson sulfides, some blebs, mod mag,			20,610	21,410		0,0,817	0,0,814	0,1,0,1,2		0,619	
	mg-cg eucr gab	below 186 1% sulfides, occas blebs - strongly mag											
265-295	022	213-265 fg gabbro (loc texte mg), schinels			21,410	22,410		0,2,414	0,2,114	0,1,0,4,4			
295		65% plag and 25-30% cumm antho as patches, 5-10%			22,410	23,410		0,0,917	0,0,712	0,1,0,1,6		1,917	
↓		bio < 5% aug numerous oxide-graph segs schinels			23,410	24,510		0,0,719	0,0,616	0,1,0,1,4		1,218	

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-58
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11604	1713	2280	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
295 fracs alt		213-265 cont'd: mostly from 213-224 and	11604	1713	245	250		0.46	0.13	0.06			
		245-263; there are 5-10% sulfides in			250	256		0.18	0.17				
	fg cumm gab	these zones: strong mag po as vns, stringers,			256	263		0.32	0.57				
		blebs, cp as stringers											
295-370	021	265-295 m-cg eucritic gabbro											
		55% plag and 20% cumm chl laths + inst patches											
		10-15% bz, oph to pork, 10-15% aug oph segs											
		295-370 fg cumm gabbro, (loc rext z), loc mgl			299	304		0.80	0.17	0.08			
370		65-70% plag and 25% cumm → chl as patches			304	310		0.17	0.33				
		5% aug, loc oxide segs w sulfide, 295-297 frac			310	320		0.14	0.07	0.02		2.6	
		zone w alt gabbro bb?-plag			320	328		0.12	0.10	0.02		2.2	
		297-308, 5-10% strong mag sulfide, fg po			328	338		0.06	0.10	0.01		1.0	
		mixed w 20% peg, 10-15% sch inds, cp as segs, blebs,											
		334.5-345 mg gabbro, loc m-c g: 65% plag, 25%			344	354		0.18	0.09	0.02		3.2	
		cumm as patches, few laths, 5-10% aug, some segs,			354	364		0.11	0.08	0.02		1.7	
		clots, 5% bio, 10% sulfide segs			364	370		0.07	0.05	0.01		1.1	
		rest of intv 3% strong mag sulfides											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-59
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12602	1701	2331	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-103 overburden, glacial till										
		103-107 lost core (chips indicate peg w 10% po-Wyke)										
		A X Core Below										
		107-110 plag bio chl musco qtz schist.										
		loc gar, yell grn epidote near fracs, sericite repl plag, no										
		fibrolite, 0-10° fol, sl gneissic										
		107 2" blob of msv sulfide, po mag, cp in										
		qtz-chl-bio Vn.										
		110-115 gneiss and schist, gabbro										
		predominately porphroblastic gn and sch; plag, bio, qtz										
		(chl-ser-gar), 1/4" plag porphroblasts, 1% mt?, core										
		is magnetic, loc py, cp @ 114.5										
		111-113 fmg cummgabbro: 65% plag, 25%										
		cumm, 5-10% bio, 2-3% qtz (smoky), 5% hbl, rextz										
		tex (cumm and qtz repl plag)										
		115-144.5 fg cumm gabbro (loc mg)										
		60-70% plag, 30-40% cumm, 5% hbl, <5% biotite										
		numerous (15%) sch incls: magnetic bio, plag, chl, (graph)										
		134-135, 141-144 broken										
		scattered blobs of cp throughout, no po										
		(125.6-128.1 core loss)										
		144.5-150 pegmatite										
		KSP?, plag, bio, musc, qtz; loc mg, porphroblastic										
		text, may once have been a gneiss?										
		Contains rare py, scattered cp, vn lets and grains										
		150-201.3 mg cumm gabbro		1986	2050		0.609	0.119	0.044			
		60% plag asic patches, 25-30% cumm, 10% aug or hbl,										
		<5% bio (loc 15-20% repl cumm, hbl-aug), loc qtz										
		vns and pegs (10%), core is v slightly mag locally (ilm?)										
		197-199.5 qtz-chl vn										
		164.4 cp, po vein; cp in contact with niccolite										
		v thin selvage of lt grey rammelsbergite between the										
		two.										
		199-201 2% strong mag sulfides.										
		(201.3-202.4 lost)										
		202.4-205 fg cumm gabbro										
		50% plag, 35% cumm, and 15% hbl as patches, pegs also present;										
		15% sulfides, dissem w loc 2" msv vns, mag po, v										
		little cp, granular tex to sulfides in gabbro										

Depth (1" = 40') 20 40 60 80 100

Depth	% Sulfide	Description
		0-103 overburden, glacial till
		till
- 103	01	
03-115	025 (103, 107, 110, 113)	lost / sch / gn, sch, gab
	Hangingwall	
15-145	021	fg cumm gab
5-150	04 (144.5, 150)	peg
50-202	021	mg cumm gab
	qtz, chl vn	
		lost
202-219	025 (201.3, 202.4, 205)	fg gab / mg cumm gab, peg, sch incls
	218.5	fg cumm gab
219-249	021 (228, 234)	fg cumm gab / fmg cumm gab
249-257	04 (248.5, 257)	peg, gab
257-289	021	fg cumm gab
89-293	03 (289, 293)	sch-gn incls

cont.

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-59
Logged by H.M. Parker
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12602	1701	2331	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
293		205-218.5 mg cumm gabbro, pegmatite, schinds	12602	1701									
293-311 025	m-cg gab hybrid	55% gabbro: 60% plag, 25% cumm, 10-15% bio, 5% hbl(?), loc,											
Footwall? 310.5		rextz text - patches of plag and cumm, 35% peg,											
311-326 07	gtz diorite hybrid	10% sch incls; peg is (plag, qtz bio)											
326		218.5-228 fg cumm gabbro											
326-348 03	sch-gn	65-70% plag, 20% cumm, 10% hbl 1/16" segs loc, loc											
347.5		5-10% bio segs, anorthositic, granular tex, chill zone?											
		few mg zones near peg vns which make up 10% of											
		intv., rextz text.											
		loc cp, po blebs cp=po?											
		228-234 fg cumm gabbro			22810	23410		0.5815	0.7310	01.066			
		60% plag, 25% cumm, 10% hbl(?), 0-20% bio											
		rextz tex., loc qtz-plag insipient? peg vns and incls.											
		15% mod mag sulfide stringers, cp: po = 113											
		some areas nearly all cp, others nearly all po											
		234-248.5 f-mg cumm gabbro (loc mg segs)											
		60% plag, 25% cumm, 10% hbl, 5% bio (loc 10-15%)											
		loc peg vns											
		248.5-257 pegmatite, gabbro			25010	25710		0.3117	0.1819				
		50% peg: plag, musc, bio (minor grn apatite); 50%											
		gabbro f-cg variable, foliated; 0-50% plag,											
		10-25% bio, 40-75% cumm,											
		10% sulfides, dissem and vnlts, po >>> cp,											
		mostly in peg zones, po is magnetic											
		257-289 fg cumm gabbro											
		70% plag, 20-25% cumm, 5-10% hbl, loc 5-10% bio											
		hbl is high where rextz, loc swirled appearance to											
		core; qtz, plag chl peg w po vns.											
		289-293 schist-gneiss incls											
		plag, chl, musc, bio; loc fibrolite, gar, ml, elongate plag											
		porphroblasts											
		293-310.5 m-cg cumm gabbro-hybrid											
		60% plag (forms network), 30% cumm, 10-20% bio, rextz,											
		contaminated by sch, patches of plag, cumm, less cumm											
		toward bot; insipient pegs, porphroblastic text plag bio											
		qtz gn also present											
		310-326 quartz diorite											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-59
Logged by H. M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,260,2	1,701,1	2331	90	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
311-326 cont'd 65% plag, 15% bio, 10% qtz, 10% gneiss?, tr po, loc musco										
326-347½ schist-gneiss plag chl (musc) qtz w local crenulations, plag qtz porphyroblasts, more gneissic toward bottom 0-25° fol, musc is pseudosill:										

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-60
Logged by H.M. Parker
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,6,0,4	1,6,1,2	2,2,8,3	9,0	

0-49 01

49-84 021

84-93 05

93-100 025

100-115 021

115-139 025

139-182 023

182-192 022

192-212 021

212-219 022

219-288 021

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-48.7 overburden - glacial till	1,1,6,0,4 / 1,6,1,2									
		AX Core Below										
till		48.7-78.2 fg gabbro, loc mg		4,8,1,7	5,9,1,0		0:2,0,7	0:1,0,1,0				
48.7		65-70% plag, 20-25% cumm and antho, loc hbl, 10% aug		5,9,1,0	6,9,1,0		0:1,9,5	0:1,2,1,6	0:1,0,1,6			
fg gab		clots, loc peg <10%, loc up to 10% bio, loc graph-ox		6,9,1,0	7,8,1,0		0:2,1,5	0:0,9,1,4	0:1,0,2,2			
		segs, loc rextz, esp near oxides										
		3-5% sulfides scattered segs, m-cg po, cpas segs, some tiny blebs, strong mag										
78.2		78.2-84 mg gabbro (loc fg)		7,8,1,0	8,4,1,4		0:3,8,2	0:1,0,1,0	0:1,0,3,7			
mg gab		65% plag and 25% cumm-hbl (patchy text, loc swirled),										
84		10% aug + ox clots, 1-2% bio, loc peg <5%										
msv sulf		3% local sulfide vns, blebs, strong mag (partly due										
92.6		to mt?), cp vnlts										
peg, gab		84-92.6 msv sulfides		8,4,1,4	9,2,1,6		1:7,8,1,8	0:3,0,1,2	0:1,0,8,8			
100		90-95% m-cg po, strong-mod magnetic, cpas tiny										
mg cumm gab		blebs, bio-chl incls, loc plag qtz										
115		92.6-100 pegmatite and gabbro		9,2,1,6	9,8,1,0		0:2,1,9	0:1,0,1,0	0:1,0,3,7			
sch incls		50% ksp peg, 50% gabbro, f-mg; 60% plag 5% bio										
134		(mere near peg), 30% cumm and antho, 10% vf-g po,										
fg antho gab/sch incls		cp, in gabbro but 5% overall as 6" msv vn and										
145		loc dissem blobs in peg; mod strong mag sulfides										
fg anth gab		100-115 mg cumm gabbro										
182		65% plag and 25% cumm aggs patches, loc antho esp										
mcg eucrite		near upper peg, 5-10% augite mostly intergrown										
192		with cumm, 5% bio, loc ksp pegmatite (10%)										
fg cumm gab		1-2% sulfides as scattered blobs, mod mag										
alt →												
212		115-134 schist incls		1,1,6/15	1,2,4,10		0:3,0,11	0:1,0,1,0				
mf eucrite		plag, bio, mt graph; loc peg; sch incls shows		1,2,4,10	1,3,4,10		0:3,0,11	0:1,8,12	0:1,0,2,9			
mg cumm gab		gneissic fol										
230		5-10% sulfides as vnlts, segs; weak mag cp										
fmg cumm gab		as bleb-segs										
265		134-145 fg antho gabbro, sch incls		1,3,4,10	1,4,5,0		0:2,8,10	0:3,1,15	0:1,0,2,2			
mg cumm gab		gabbro is loc rextz mg; 65% plag, 25% antho, 10%										
288		aug; sch incls are mt-graph type; also have mt										
		graph segs, some glassy blk hbl?										
		5% sulfides assoc w oxide hbl segs - weak										
		mag, cp w tiny blebs, vnlts										

5-60

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-60
Logged by: HM Parker
Date: 1973
Page 2 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11604	1612	2283	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
288 alt → fg gab		145-182 fg antho gabbro (loc mg rextz)	11604	1612	1610	1720		0.165	0.078	0.022		3.019	
		65% plag (loc more anorth), 15-20% antho, 10% aug-oxides, 5-10% bio, loc oxide-graph segs, also wgtz			1720	1820		0.167	0.107	0.022			
		146.5-153 rextz, 158-161 brecciated-serp zone											
320 m,m-cg cumm gab		145-162 1-2% sulfides, 162-182 3.5% sulfides: strong mag blebs, segs, cpas tiny blebs in vnlts											
288-277 021													
353.5 fg gab		182-192 m-cg eucrite			1820	1920		0.080	0.044	0.019		1.15	
		60% plag patchy, 15% cumm (bright grn, alt to chl?) 15% bz-poikilitic, 5-10% aug oph, 0-5% bio, 1-2% sulfide blebs, strongly mag											
376.5 m-cg eucrite													
277-287 022													
387 mg cumm gab		192-212 fg cumm gabbro (loc mg)											
287-393 021		60% plag patchy, 30% cumm - large patches, 10% aug suboph clots, loc mt-graph segs, 204'-alt zone plag-hbl, bottom 2' mg aug segs											
393 fg gab		1% sulfides, dissem blebs											
393-435 021													
Footwall? 435 gradational hornfels		212-219 mg eucrite											
435-450 03		50-55% patch-asic plag, 20% bz-poik w aug, 15% aug, 10-15% cumm, minor bio, loc mt, graphen frac											
501 444		2% sulfide blebs, weak mag, cp as v tiny blebs											
501 450 gn													
		219-230 mg cumm gabbro, eucrite			2220	2305		0.208	0.137	0.031		3.313	
		more cumm, less bz than above, but otherwise the same, rextz tex.											
		1-2% loc sulfide blebs, strong mag											
		230-265 f,mg cumm gabbro			2405	2500		0.156	0.096	0.017		2.012	
		65%-70% plag and 25% cumm as patches, locally more mafic, 5% aug clots w/in cumm mostly, 5% bio, 230-231 fracture zone, loc peg 5%, sclz incls 5%, rextz text.			2500	2600		0.050	0.026	0.011		0.819	
					2600	2660		0.212	0.064	0.020		2.813	
		1-2% sulfides as scattered blebs											
		265-288 mg cumm gabbro (loc m-cg?), pegmatite											
		60-70% plag and 20-30% cumm as patches, 5-10% aug segs, 5-20% bio, 15% peg w rextz of gabbro near peg, 286-287 have broken ksp peg w bio matrix											
		288-320 fg gabbro			2900	3000		0.029	0.018	0.011		0.613	
		65-70% plag, 15-25% cumm/antho?, 10% aug oxides, 5% bio, loc mt-graph sch incls w sulfides - strong mag			3050	3130		0.035	0.022	0.011		0.512	

5-60

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-60
Logged by H. M. Parker
Date 1973
Page 3 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,6,0,4	1,6,1,2	2,2,8,3	9,0	

Depth (1"=40') — 20 40 60 80 100 — % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
288-320 ; 294' hbl-plag alt zone, loc gabbro is rextz	1,1,6,0,4	1,6,1,2									
313-320 5-7% sulfides, fgop as blebs											
320-353.5 m,m-cg cumm gabbro			32,010	32,415		0:0,512	0:3,119	0:0,115		1·216	
65-70% plag, and 20% cumm as patches, 5% bio, loc 10%, 5-10% aug-oxides; 5% pegmatite			34,910	35,910		0:0,918	0:0,512	0:0,118		1·911	
353.5-376.5 fg gabbro											
65-70% plag, 20% anth/cumm as patches, 10% aug-oxide clots, 3-10% bio, loc mt-sulf schlieds			35,910	36,910		0:0,714	0:0,612	0:0,117		1·118	
2-3% sulfides - round/blobs, 1/8" vns, mod-strong mag			36,910	37,715		0:1,412	0:0,818	0:0,222		2·49	
376.5-387 m-cg eucrite											
60-65% plag patchy → laths, 0-15% bz, oph to poik, 10-15% aug oph segs, tr sulfides fg blebs, vnlts											
387-393 m-cg cumm-gabbro (loc eucritic)											
60-65% plag, and 25% hbl/cumm, loc 10% bz as patches, few laths, 5-10% aug oxides, 3-5% bio											
393-435 fg gabbro			39,210	40,210		0:1,217	0:0,816	0:0,117		1·718	
65-70% plag, 20% anth/cumm, 5% biotite, 5% aug ox, loc rextz text, gradational contact over bottom 4'			40,210	41,210		0:1,510	0:1,615	0:0,220		2·014	
			41,210	41,910		0:1,316	0:0,814	0:0,118		2·014	
3-5% strong mag sulfides, gen assoc w oxide segs esp 419-424 (5-10% sulfide) mostly fg po, some mg; cp as segs			42,410	43,510		0:0,918	0:0,578	0:0,117		1·218	
435-444 plag, qtz, bio (hbl?) hornfels 20° slight fol											
444-450 f-mg gneiss											
plag, bio qtz w loc 1/2" pegmatite layers, 20-35° fol. Last footes is plag qtz? hbl bio amphibolite											

5-61

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-61
Logged by H.M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,3,9,6	1,7,5,2	2,2,9,4	9,0	

0-82 61

82-142 021

142-165 021

165-238 025

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-82.3' overburden - glacial till	1,2,3,9,6	1,7,5,2									
		AX Core Below											
till		82.3-142 mg cumm gabbro											
		60-65% plag patches, 25-30% cumm, loc hbl, 10% biosegs, tr hbl clots, loc fg zones w bio-chl-cumm, intv is "contaminated" by 10% ksp pegs., rextz lox.											
		142-165 fg gabbro			1,4,3,10	1,4,8,10		0:2,2,13	0:1,0,10	0:0,2,9			
82.3		65-70% plag patchy, 20% antho/cumm sheafs, 10% hbl clots, 5% bio, 1% sulfides - vns, strong mag											
mg cumm gab		165-238 mg cumm gabbro, pegmatite			2,3,1,10	2,4,1,10		0:2,1,5	0:0,7,5	0:0,4,5			
		similar to above, 60% plag latty patches, 20% cumm patchy xtls, and 10-15% hbl, 5% bio segs; 20% ksp peg porphroblastic vns, pervasive, 2" gouge @ 230.5											
		231-238 15% sulfide - fg po, as segs and vns, mod mag assoc w chl antho pd segs											
142													
fg gab		238-356 fg-mg cumm gabbro			2,4,1,10	2,4,6,10		0:9,0,12	0:0,8,18	0:0,2,5			
		50-70% plag, 20-30% cumm, loc antho, 5-10% hbl clots, 0-5% bio segs, patchy rextz ksp, loc talc cumm pd near base ws some mt? Talc pervades cumm			2,4,6,10	2,5,1,10		0:5,5,17	1:0,7,11	0:0,5,9			
					2,5,1,10	2,5,8,10		0:4,6,17	0:5,1,10	0:0,4,4			
					2,5,8,10	2,6,8,10		0:2,2,16	0:2,3,19	0:0,2,4			
165					2,6,8,10	2,8,0,15		0:2,3,6	0:2,0,17	0:0,4,4			
mg cumm gab, peg		15% sulfides, vns, segs; fmg po, mod mag cp as segs; sulfide contain abundant spinel locally; sulfide has chl nicls, few sulfide bblebs in pd			2,8,0,15	2,9,1,13		0:5,7,13	0:3,0,18	0:0,6,6			
					2,9,1,13	2,9,7,10		1:2,0,13	0:2,6,14	0:0,6,6			
					2,9,7,10	3,0,2,10		1:1,7,10	0:2,0,17	0:0,8,1	6,11	0:4,15	0:3,3
					3,0,2,10	3,2,1,10		0:3,2,11	0:1,5,11	0:0,3,8			
		356-459 fmg gabbro (loc mg)			3,2,1,10	3,4,1,10		0:4,5,19	0:0,6,19	0:0,5,9			
		70% plag and 20% cumm/antho as patches, 5% hbl clots, 5% bio flakes, loc 10%, loc mt - graph schists, 5-10% pegmatik vns. - ksp, qtz, bio, musc			3,4,1,10	3,5,0,10		1:1,3,10	0:2,1,4	0:0,8,8	1,0,9	0:0,3,16	
gouge → 238					3,5,0,10	3,5,6,10		0:1,5,14	0:0,4,14				
		459-463 schist											
		chl, plag, qtz; poor fol. 60°											

5-61

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-61
Logged by H. M. Parker
Date 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12396	1752	2294	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual) | Description | Drill Hole No. | From | To | Ore Type | % Ni | % Cu | % Co | % Fe | % S | Deposit

238

f-mg cumm gab

238-356 021

356

f-mg gab

356-459 021

Footwall 459 463 Sch bottom

459-463 03

5-62

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-62
Logged by H.M. Parker
Date 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,246,0	2,298	20,719	90	

0-6 01

0-200 021

200

Depth (1"=40')
20 % Sulfide (visual)
40
60
80
100

Depth		Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0	till	0-6' over burden - glacial till	1,246,0	2,298									
		Ax Core Below											
	vfg cumm gab	6-200 vfg to ss, fg beyond, (loc mg) cumm gabbro 60% plag and 25% cumm as patches, 10% hbl clots, 5% locally to 10-15% blp segs; the cumm is sl talcose? - scratches slightly from 144 shows high blo areas indicative of hybridization, also loc hybrid toward top too loc pegs, qtz rich, Ksp?, some gneissic appearance			6,10	2,310		0:1,416	0:1,216				
					2,310	3,210		0:1,216	0:0,510				
					3,210	3,710		0:1,216	0:0,914				
					6,910	7,910		0,0,419	0:0,112				
	fg cumm gab				1,1,210	1,2,210		0:0,312	0:0,118				
		few scat sulf here and there, mostly assoc w sch incls.			1,3610	1,4,110		0:0,116	0:0,112				
		fg po, strong mag, dissem, few blebs, cpas blebs in po											
		6-37' have 1%											
200	bottom												

5-63

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-63
Logged by H. M. Parker
Date 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12351	2304	2141	90	

Depth (1"=40')	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0-8	0-1.0 till	12351	2304									
022	1.0 mg eucrite											
7.5												
	AX Core Below											
	1.0-7.5 mg eucrite											
8-100	50-60% plag asic, 30% bz and 15% aug both oph											
025	may be intergrown, loc 0-10% cumm											
	7.5-100 fg cumm gabbro, sch incls, peg			8 10	11 10		0.1 0 3	0.0 5 2	0.0 1 8		3.6 9	
	60-65% plag asic-patchy variable, 25-30%											
	cumm inst patches, 10% hbl clots, loc oph			20 10	35 10		0.0 4 9	0.0 6 9	0.0 1 2		1.4 2	
	segs, loc vfg. 15% of intv is sch incls; plag,			35 10	49 10		0.0 3 6	0.0 5 9	0.0 1 0		0.9 4	
	bio w loc mt-graph, 5% of intv is peg											
	2% sulfides for intv - loc vns, and assoc			66 5	76 10		0.0 3 6	0.0 8 3	0.0 1 2		1.0 4	
100	w sch incls, strong mag											
	bottom											

5-64

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-64
Logged by H.M. Parker
Date 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11816	1608	2305	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0	0-588 Overburden - glacial till	11816 1608									
	AX Core Below										
0-59 01 till	58-87 msv sulfides in pegmatite		63.0	73.0		1.138	0.554	0.097			
	50% kap? qtz, bio, (chl), musc peg, 50% sulfides in mag mg po, cp as minor blebs, segs. The sulfide cement a feldspar bx loc. ; plag bio sch incls in intv, also incls of plag, bio, gar in sulfides, and peg?, 75° lower contact		73.0	83.0		2.129	0.567	0.147	52.81	29.919	20. 1.63 0.56
contact 58.8											
59-87 05 msv sulf, peg	64-67 fg sugary text gab, not alt: 60% plag, 20% cumm, 15% hbl, 5% bio segs, also mg rextz gab w bio repl hbl										
87 mg, loc mcg											
alt	87-190 mg (loc mcg) cumm gabbro		120.0	130.0		0.163	0.063	0.024		2.415	
	60% plag asic - patchy variable tex, 30% cumm patchy, 10% hbl suboph irreg clots, loc segs		130.0	140.0		0.056	0.044	0.015		0.619	
87-190 025 cumm gab loc eucritic	loc 10% bio repl hbl mostly, loc 70° peg		140.0	150.0		0.088	0.085	0.018		1.312	
	vns, 95-97 broken - wh. plag - hbl alt		150.0	160.0		0.104	0.056	0.018		1.59	
	101-104, 110-116 good igneous tex - eucrite cumm; opx = 111?, augite present, loc fg, loc segs of mafics		160.0	170.0		0.102	0.175	0.018		1.63	
			170.0	180.0		0.090	0.053	0.018		1.612	
alt	144.7-147 broken, hbl - wh. plag alt		180.0	190.0		0.130	0.040	0.022		0.68	
	124-132 Mohr Coulomb shear frac w σ, vert		190.0	198.0		0.106	0.056	0.019		1.414	
	133 loc eucritic		198.0	204.0		0.296	0.390				
	154-170 same tex as rest of intv but cumm → vf lt brn bio		204.0	210.0		0.142	0.056				
			210.0	220.0		0.374	0.126				
	loc sulfide blebs (1/4-1/2"), fg dissem, <1% overall, mod-strong magnetic (95.0-96.8 core loss)										
190											
190-221 025 f, m g cumm gab, schinds, peg	190-221 f, m g variable cumm gabbro, assimilated sch incls, pegmatite										
	gabbro: 60% plag asic, 30% cumm patches, 10% hbl clots, also have plag cumm bio near peg.										
221 bottom	schist incls: plag, bio, graph, mt-ilm 211-219 have sch incls w qtz blebs (1"). pegmatite is cg plag bio musc, 219-221 dioritic, bio repl cumm										
	2-3% sulfide vns of po, cp, also dissem sulf, po is strong mag										

5-65

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-65
Logged by H.M. Parker
Date 1973
Page 1 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12002	1705	2366	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-44.3 overburden - glacial till	12002 1705									
		AX Core Below										
0-44 01 till		44.3-51.3 pegmatite										
		ksp?, plag, qtz, bio, chl, (musc)										
44.3 4-51 04 peg												
51.3 1-58 06 mg?pd		51.3-58 mg? peridotite										
58		70% talc, 20% chl, 10% hbl; loc biotite										
8-90 025 mg antho gab, peg		58-90 mg antho gabbro, pegmatite rns										
		85% gabbro: 65-70% plag and 15% antho (v pale brn) as patches, 15% biosegs, 5% hbl clots										
90												
90-104 05 msv sulf		90-104 msv sulfides		90.5	97.5		1.75	0.63	0.132	52.8	30.23	
104		90%, weak mag mg po, cpas blebs, segs, chl, gar, qtz		97.5	103.5		1.74	0.39	0.073			
		incls		103.5	110.0		0.53	1.19	0.029			
04-136 021 f, mg gab		104-136 f, mg gabbro		110.0	120.0		0.40	0.29	0.039			
		65% plag - patchy laths, 25% cumm intergrown		120.0	130.0		0.53	0.26	0.049			
136		w 10% hbl, 0-5% bio loc; mg type has igneous		130.0	145.0		0.24	0.10	0.018			
		tex, fg type is sugary; loc peg, sch incls (< 5%)										
36-178 022 m-cg eucrite		5-10% strong mag sulfide blebs, segs, vns										
		136-178 m-cg eucrite		145.0	160.0		0.28	0.12				
		50-60% plag laths, 10% grass green cumm, 15% aug		160.0	175.0		0.13	0.06				
178		oph, 15% bz poik; loc higher cumm esp		175.0	185.0		0.56	0.86	0.037			
		toward bot										
178-~~206~~ 287 021 mg cumm gab		2-3% sulfide blebs, weak mag fg po, cpas										
		blebs in po blebs										
206		178-206 mg cumm gabbro		185.0	194.0		0.29	0.16	0.028			
		65% plag, bc laths, 20% patchy cumm, 5-10% hbl		194.0	200.0		0.39	0.23	0.022			
227		clots, 5-10% bio flakes; loc talc, chl pd segs		200.0	215.0		0.39	0.20	0.033			
		3-5% sulfides, f dissem blebs, weak mag,										
		cpas above										
021 pd f, mg gab		206-227 peridotite, f, mg gabbro		215.0	220.0		0.45	0.18	0.037			
		chl, bio, hbl; loc talc; gabbro in lesser amounts		220.0	225.0		0.50	0.16	0.029			
		as above		225.0	230.0		0.33	0.12	0.037			
272		10% weak mag sulfides, dissem, segs; cp										
mg cumm gab		as segs w/in po.										
287												
		227-272 fg cumm gabbro, peridotite locally		230.0	235.0		0.53	0.35	0.044			
		90% gabbro; 50-65% plag and 20-35% cumm		235.0	240.0		0.60	0.37	0.073			

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,200.2	1,170.5	2,336	90	

Deposit Area 5
Drill Hole 5-65
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287-391 021

391-405 05

405-423 025

423-443 04

443-483 025

483-555 03

Footwall 483'

Depth (1"=40')	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
287	fg cumm gab	1,200.2	1,170.5	24,010	24,510		1:5913	0:4616	0:0:88			
	227-272 cont'd: 10% hbl clots, 0-10% bio											
	247-255 pd predom., loc peg 255-260			24,510	25,010		0:6813	0:2210	0:0:59			
	15% sulfides dissem and blebs, f-mg po, weak mag, cpas segs, blebs			25,010	25,510		0:7115	0:4411	0:0:29	250-260		
				25,510	26,010		0:5619	0:1216	0:0:44	3010	0:718	0:33 0:0:6
	272-287 mg cumm gabbro			26,010	27,010		0:0:73	0:0:619				
334	65% plag and 20% cumm as patches, 10% hbl			28,810	29,810		0:2217	0:1017				
	clots, 5% bio flakes, loc relict eucritic tex											
350.5	10% med mag sulfides assoc w sch incls											
	287-334 fg cumm gabbro (loc mg)			30,810	31,610		0:2217	0:4513				
366	65% plag as ic, 20% cumm inst patches, 10%			31,610	32,310	7	1:3419	0:1414	0:0:51			
374	hbl clots, 5% bio flakes, 297' have 3" gray			32,310	33,010	4	1:3117	0:1915	0:0:88			
	clay gouge, loc ksp plag qtz, bio musc peg			33,010	33,510		0:3215	0:2819	0:0:24			
391	287-294 5% sulfides, dissem, blebs w											
	mag (hem?), cpas ting blebs (294-307 barren)											
	307-334 10% sulfides vns, blebs; cpas											
405	segs and blebs w/in po - strongly mag w/tr											
	334-350.5 m-cg mafic cumm gabbro			33,570	35,015		0:1310	0:0818	0:0:18		2:018	
	20-30% inst plag patches, 00% pervasive cumm											
	15% aug-hbl segs, intergrown w cumm, 5% bio											
	loc, loc talc chl											
	2% mod mag sulfide blebs											
	350.5-366 mg cumm gabbro											
	65% plag patches and patchy intergrown											
	20% cumm and 10% hbl, 0-5% bio flakes; loc											
483	rextz, loc "white" plag											
	366-374 mg cumm gabbro, chl segs			36,515	37,810		0:0712	0:0319	0:0:16		1:016	
	65% plag as ic-patchy, 25-30% cumm patches, 5-10%											
	hbl clots, 3% bio flakes, rextz txt - about 25%											
	is chl segs after mafics?											
	2% sulfides, strong mag blebs, cpas ting											
	segs in po											
	374-391 f, mg gabbro (as above)			37,810	38,310		0:8219	0:2114	0:0:44			
	rextz tex, mafic and plag segs, loc carb, loc			38,310	39,110		0:6118	0:2717	0:0:37			
555	chl patches as above											
	15% sulfides vns, dissem segs, v strong mag,											
	cpas ting segs											
	391-405 msv sulfides			39,110	39,610		2:2314	0:7419	0:1:39			
	95% to pyrrhotite, mod magnetic, cpas blebs, small			39,610	40,110		2:3214	0:6316	0:1:54			

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KNOX MINING CORP.

DRILL HOLE LOG

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Drill Hole 5-65
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12002	1705	2336	90	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S		Deposit
391-405 Cont'd: segs, chl, plag incls	12002	1705	4010	4070		2292	0743	0147	160	228	071 015	
405-423 mg cumm gabbro, pegmatite gabbro is loc fg; 60-65% plag, and 20-25% cumm as patches, 5-10% hbl intergrown w cumm, 10% bio; loc eucritic mcg, 5% sulfides - segs and dissem, strong mag fg po, w cp as tiny segs in po. Top 2' is 20% sulfides			4070	4170		0142	0041	0021		218		
423-443 pegmatite, sch incls top peg and gneissic peg 60%, bio sch incls 40%, 40° fol												
443-483 f, mg cumm gabbro, pegmatite mg gabbro from 470; 65% plag and 25% cumm as patches, 5-10% hbl intergrown w cumm 10% bio segs, loc fg antho 4" msv vn @ 462, mod mag, high cp												
483-555 Schist plag, bio, musc, w plag qtz segs, loc mt graph plag, bio, cumm mg gabbro - 3' dike 511-515; avg fol of Schist 40°?												

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-66
Logged by H M Parker
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11901	1553	2364	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-62' overburden - glacial till	11903	2010								
		Ax Core Below										
0-62	01	62-69' m-cg cumm gabbro										
		55% pla, 15% grn cumm, 10-15% hbl-aug clots and										
		oph segs, 15-20% bz-poik, broken										
		1% disseminated sulfide blebs, strong mag with										
		small cp blebs										
62-72	021	69-72 lost		6910	7910		1.8010	0.5219	01.20			
72-111	05	72-111 msv sulfides, vfg gabbro		7910	8305		0.1813	0.1017	01.03			
		50% gabbro; 60% plag and 30% antho-cumm patches,		8305	9010		1.4016	0.5418	01.16			
		10% hbl clots, 2% bio, few segs		9010	9510		1.5210	0.5219	01.16			
		50% mod-strong mag sulfides, f-mg po, cpas		9510	10010		1.7017	0.5610	01.19			
		segs and tiny blebs in po		10010	10510		1.6019	0.3718	01.18			
111-141	021		6.2.1 3.85	10510	11110		1.6616	0.4718	01.18	4.20	1.48	0.47 0.11
		111-134 mg cumm gabbro (fg near top)		11110	11610		0.2217	0.1017	01.03			
		60% plag laths to inst, 30% cumm, minor bz, 10%		11610	13515		0.1318	0.0414	01.01			
		aug hbl, 5% local peg, rextz, bio										
		5% 1/4" sulfide blebs, strong mag po, cpas tiny										
		blebs in sulfide										
141-194	025	134-140.5 fg cumm gabbro		13515	14015		0.4515	0.1511	01.05			
		65% plag, 10% hbl, 15-25% cumm										
		5% strong mag sulfides as above, 6" msv zone										
		at bottom										
		140.5-194 pegmatite, gabbro incls										
		85% pegmatite: plag ksp, qtz, bio, musc; loc perthite,										
		chlorite, 15% mg gabbro incls: 65% plag, 25%										
		cumm, 10% bio, also loc plag, bio incls after										
		gabbro, tr sulfides										
		194-309 fg cumm gabbro		19415	21410		0.1310	0.0414	01.02			
		65% plag, 25% cumm loc antho, 5-10% hbl, 2%		21410	23410		0.2410	0.0510	01.03			
		bio loc segs where rextz, gabbro is loc rextz, loc										
		hbl, chl alt at 218, carb vn at 212, loc peg 2%		26610	27610		0.1516	0.1111	01.025		2.56	
		3% loc sch incls - mt graph po,		27610	28610		0.0619	0.0410	01.16		0.914	
		2-3% loc sulfide segs, strong mag po, cpas segs										
		also a few vns										
		1% sulfides below 235										
		309-342 mg quartz gabbro		30910	31410		0.9110	0.5610	01.1			

Cont.

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-66
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11901	1553	2364	90	

Depth (1" = 40') | 20 % Sulfide 40 60 80 (visual) 100

Depth	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
194	309-342 : 65% plag asic, 5-15% bz, 0-10% antho	11903	2010	3140	3200	6	1.544	0.485	0.19			
	0-10% cumm, 10% aug subophclots, some hbl	9.658	30.658	3200	3420	22	0.439	1.134	0.04	3.30	0.71	0.93
Carbrn 212 hbl-chl alt 218	15% sulfides, dissem blebs and msv vns, cp											
	as segs and blebs, weak-non mag											
	342-349 msv sulfides			3420	3470		1.877	0.522	0.22	54.8	33.44	
194-309 021	95% m-cg po, cp as segs, chl incls; sulfides			3470	3520		1.121	0.648	0.13			
	are weak to non mag											
	349-354 mg antho gabbro			3520	3570		1.130	1.537	0.14			
	65% plaglaths, 20% antho (some bz?), 10% hbl aug,											
	10% sulfide vns, dissem, 2-3% b.o											
	354-373 msv sulfides			3570	3620		1.609	0.730	0.18			
	90-95% f-mg po, cp as segs, weak-non mag,			3620	3670		1.601	1.492	0.18			
	plag, chl incls	46.931	27.55	3670	3740	7	1.463	0.415	0.22	3.2	1.47	0.86
309				3019	3.74					6.5	0.87	0.89
	373-391 mg v mafic gabbro, peridotite			3740	3790		0.910	0.453	0.11			
309-342 022	0-20% plag, 0-15% talc, 10-20% aug hbl, 80% cumm,			3790	3890	10	0.292	0.277	0.03			
	loc chl			3890	3940		1.715	0.409	0.18			
	15% weak mag sulfides, cp as tiny segs	62.976	65.288	3.42	39.4	53				52.0	1.21	0.67
342-349 05	391-393 msv sulfides											
349-354 023	80%, mcg po, gen weak mag, loc mod mag, cp is											
354-373 05	minor - as tiny segs											
373	393-423 peridotite			3940	3990		0.804	0.636	0.09			
373-391 025	50% 1/4-1/2" cummulate oliv, serp, mt			3990	4040		0.975	0.516	0.09			
	50% sulfides - net text, mod mag, loc chl alt			4040	4090		0.910	0.510	0.09			
391	cp as tiny blebs, f-mg po			4090	4140		0.975	0.573	0.09			
393		104.8079	79.279	4140	4220	8	0.878	0.352	0.09	1.130	0.93	0.70
391-426 05	423-426 m-cg v. mafic cumm gabbro (eucritic)			4220	4260		0.211	0.189	0.25	2.80	0.91	0.50
	15% plag, 15% bz, 10% aug intergrown w bz,											
Footwall 423	60% cumm, loc chl alt											
426	5% sulfide blebs, v magnetic, v little cp											
	426-488 schist			4260	4360		0.049	0.006	0.06			
426-489 03	plag, bio, qtz w loc serp, pseudo silli, 0-20°											
	crenulated fol. loc qtz, peg vns, rare dissem po											
	460-464 f mg hybrid dike? 60% plag 30% cumm,											
	10% bio, foliated - may be rextz amphibolite, if so why											
	not better banded?											
488	lost											
489	bottom											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11807	1536	2333	90	

Deposit Area 5
Drill Hole 5-67
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Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0 - 50.1 overburden - glacial till	11807	1536									
		AxCore Below											
0-50. 01	till	50.1-69.8. fg gabbro											
		50-60% plag and 30-40% cumm → hbl? as patches,											
		10% aug vfg clots, loc fmg sugary tex, loc schinds,											
50.1	fg gab	plag, bio, po, cp, mt?, broken core											
		tr sulfides - bio segs											
50-85 021 69.8		only 3' of core recovered for interval											
	f-mg cumm gab	69.8-85 fmg cummgabbro			80	95		0.08	0.04	0.01		1.85	
85-96 025 85	fg gab, peg sch inds	60-65% plag asic-patchy, 25% cumm patches, loc											
96 shear	fmg cumm gab	colorless antho, 10% hbl subph-oph, 5% bio segs											
105		loc schinds, plag bio, po-mt											
	fg cumm gab	1% sulfide, strong mag											
96-155 021		85-96 fg gabbro, pegmatite, schinds											
		50% rextz gabbro: 60% plag, 40% bio (replacing											
		cumm and hbl to various degrees), loc mg, gabbro											
		is rextz by peg (35-40%: plag, qtz, bio loc gneiss											
		text - 30°-60° vns, 10-15% schinds; 60° shears											
		at 90, 96, 97											
155	sch inds	3" msv po vn at 87', 2% sulfides overall, strong mag											
155-168 025	fracs 168	plag, gar, chl, inds											
168' hbl-carb alt →	cumm fg gab												
hbl-carb alt →		96-105 fmg cummgabbro			95	115		0.06	0.03	0.01		1.31	
		60% plag - patches - asic, 25% cumm lt grn patches,											
		15% aug - oph, some lt brn - could be opx. plag, bio,											
		loc mt-po - graph sch ind											
168-236 021 201 qtz vn	fmg cummgab	105-155 fg cumm gabbro (loc rextz f-mg			117	121		0.06	0.05	0.01		1.26	
213	vfg cumm gab	60% plag asic, 25% cumm patches, tr bio, loc rep'			121	126		1.09	0.22	0.14			
		cumm, 15% hbl prismatic clots; loc plag, qtz, sericite			126	140		0.05	0.04	0.01		1.01	
236		(musco) peg, plag alt to sericite?, loc schinds: plag and			140	155		0.05	0.04	0.01		1.23	
236-254 025	fmg gab sch inds peg dikes	bio in varying amounts, loc strong mag po, cp blebs											
254		122-124 msv sulfides assoc w schinds, weak mag-											
		mt mag, most magnetic near inds 5% sulfides											
		overall											
		near lower contact mafics dk grn - hbl?											
		155-168 schist inclusion			155	162		0.21	0.11				
		digested, plag, bio, sericite, graphite, minor mt, po			162	168		0.16	0.05				
		loc talcose gab-pd, 166 wh clay? coat fracs											
		5% strong mag sulfides											

↓ cont.

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DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-67
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11807	1536	2333	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

254 — f, f-mg gab
254-386 021

336 — mg cumm gab

362 — f, mg cumm gab

386.5 — f-mg alt gab
386-419 023

419 — cg pd
419-~~409~~ 449 06

Footwall 446 / 448.5 — peg
449 ~~489~~-468 03 — sch

465 / 467.5 — lost bottom

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
168-201 f g cumm gabbro, loc eucritic, loc f-mg	11807	1536	16.8	18.0		0.049	0.022	0.012		1.09	
rextz, 60% plag - patch-asic, 25% cumm, loc bz,			18.0	19.5		0.0214	0.013	0.010		0.412	
10% hbl suboph clots, 5% bio scat clots, segs, where			19.5	21.0		0.0213	0.012	0.009		0.319	
eucritic may be m, m-cg, loc schinds, esp 168-170											
as above. 170.5-172, 174.5-176 alt zones: plag											
alt to wh clay, qtz carb vnlts 60-70°, mafics → hbl, loc											
plag qtz, bio peg vns											
201-213 f mg cumm gabbro			21.0	22.5		0.0415	0.0217	0.011		0.619	
65% plag, 25% cumm, 10% hbl clots, mostly vf g, loc											
repl by bio in rextz											
202-202.5 qtz vn dips 60°											
213-236 vf g cumm gabbro, sugary tex			22.5	23.8		0.0514	0.038	0.010		0.78	
65% plag, 25% cumm intergrown w plag, 10% hbl clots,											
4" plag?, qtz, bio, musc, peg vns, 55-70° loc chl, bio reaction											
nearby, loc schinds											
1-2% dissem sulfides, strong mag											
236-254 f mg gabbro, schinds, peg dikes			23.8	24.4		0.512	0.075	0.046			
gabbro, 65% plag and 25% cumm/antho as patches, 10%			24.4	25.4		0.370	0.151	0.030			
hbl, bio (loc more bio) usual sugary text; schist is plag-bio											
highly digested, 20% pegmatite: plag, qtz, bio 30-60°											
contacts											
5% sulfides po, cp stringers, blebs, dissem throughout											
mod mag f-mg po											
254-336 f g, f-mg gabbro			25.6	27.0		0.114	0.051	0.015		1.09	
65% plag asic, 20% cumm/antho patches, 10% hbl clots,			27.0	28.5		0.178	0.082	0.022		2.18	
5% bio segs, loc repl other mafics, loc po-cp			28.5	30.0		0.109	0.048	0.016		1.34	
vnlts v minor, mag po - suggest fracture fillings			30.0	32.0		0.101	0.089	0.018		1.53	
at early stage - 1-2% sulfides, blebs, vns overall			32.0	34.0		0.118	0.116	0.019		1.96	
336-362 mg cumm gabbro (loc f g)			34.0	36.3		0.090	0.197	0.018		1.45	
rextz: 65% plag and 25% cumm as patches, 10% hbl clots,											
tr-1% oxide, loc schinds, loc plag, qtz, peg (plag											
alt to sericite?) w horiz contacts; loc bio repl cumm											
3% sulfide vnlts, strong mag											
362-386.5 f, mg gabbro (loc eucritic)			36.3	37.2		0.195	0.183				
highly rextz, 60-65% plag, 30% cumm, 5-10% hbl			37.2	37.7		0.398	0.138	0.073			
f g clots, loc 5% bio vf g, loc ksp (perthitic) qtz bio			37.7	38.6		0.203	0.096	0.021			
peg, loc talc cumm pd											
2% sulfide blebs, vns, weak to strong mag											
f g zones not mineralized											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,8,0,7	1,5,3,6	2,3,3,3	9,0	

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Depth (1"=40') — 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Deposit
386.5-419 f-m g altered gabbro	1,1,8,0,7	1,5,3,6	3,8,6,5	4,0,0,10		0:0,4,6	0:0,1,7,6	0:0,0,5,8				
60% plag (sericitized loc?), 25% cumm repl by brand			4,0,0,10	4,1,2,0		0:0,1,1,4	0:0,0,7,3	0:0,0,1,5				
antho(?) lt brn, not fibrous, 10% bbl vfg clots, 0-5%			4,1,2,0	4,1,9,0		1:2,0,1,3	0:0,5,8,5	0:0,1,3,9			T.R.	
bio blk flakes loc, loc schmicls, loc "normal" gabbro												
416-419 vert frac w oxide coat												
Weak-Strong mag sulfides vns, loc dissem, segs,												
mg po: 386-394 10-15%, 412-419, 20% rest of intv 2-3%; MSV vns: 387', 6", 390 1' discontinuous vns, 393 4", 399 3", 412-419												
419-446 cg peridotite			4,1,9,0	4,2,4,0		0:0,3,0,1	0:0,1,3,2	0:0,0,5,9				
60-80% cumm alt partially to talc (except bottom 12')			4,2,4,0	4,2,9,0		0:0,4,6,3	0:0,8,3,8	0:0,0,6,6			T.R.	
loc chl, 20% irreg xlls of hbl, loc 30%, 15% sulfides			4,2,9,0	4,3,4,0		0:0,4,1,4	0:0,6,6,0	0:0,0,5,1			T.R.	
rounded blebs of po, ap loc 30%, loc bz being alt to			4,3,4,0	4,3,9,0		0:0,5,8,5	0:0,1,7,0	0:0,0,0,6				
cumm, near upper contact (1-2') 70% chl, 30% bio,			4,3,9,0	4,4,5,5		0:0,6,5,T,0	0:0,2,8,9	0:0,0,5,9				
near bottom chl, bio on the reaction over 1', chl-bio												
near peg, 15-0% (Loc 388) rounded sulfide blebs, weak mag, loc strong												
446-448.5 ksp, plag, qtz pegmatite												
porthritic ksp, minor bio, sericite												
448.5-465 schist												
plag, bio, qtz, (graph) w plag, qtz (chl) segs-lays												
slight crenulations, 0-10° dip, 1' hybrid zone at top												
granular plag, bio (qtz?), plag, hbl, (6.0) dike in												
bottom (465)												
<1% dissem pyrrhotite												

5-68

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12001	1605	2381	90	

Deposit Area 5
Drill Hole 5-68
Logged by H.M.Parker
Date 1973
Page 1 of 3

Depth (1"=40')	% Sulfide (20 40 60 80 100 visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-58 overburden - glacial till	12001	1605									
		A x Core Below											
0-58 01	till	58-83 m-cg cumm gabbro, pegmatite											
		50% peg: ksp, chl, plag, qtz bio musc; 50% gabbro:											
58		65% plag-patchy, 10% hbl clots intergrown W cumm											
	mcg cumm gab, peg	10-15% bio segs, loc rextz cg, large bio segs (20-											
58-83 92 02		25%) (77.8-78.5 (core loss))											
		83-92 talcose mafic gabbro											
83	talc mafic gab	15% plag as interstitial patches, segs, 70% talc and cumm											
		10-15% hbl aug											
92													
	gn, incls, peg	92-116 gneiss incls, pegmatite			1,13	10 1,22	15	9.5	0:70	17	0:28	13	01:07	3
92-116 04		plag bio gneiss w large feldspar and qtz porphro-			1,22	15 1,28	10	5.5	1:97	11	0:70	18	01:16	1 5,6:01 3,0:214
		blasts, minor fg antho and enoritic gabbro, antho-			1,28	10 1,33	10	5.5	1:98	13	0:67	14	01:16	1
116		bio segs repl bz?			1,33	10 1,38	10		2:04	10	1:64	4	01:11	0
	msv sulf	rare dissem sulfides or frac coats			1,38	10 1,43	0		1:98	13	0:83	14	01:14	7
116-162 05					1,43	10 1,48	0		2:05	16	1:01	12	01:17	6
		116-162 massive sulfides			1,48	10 1,53	0		1:95	11	0:88	15	01:15	4
		95% mg mod mag po, cp as segs, chl gar qtz			1,53	10 1,58	10		1:95	19	0:75	19	01:15	4
		incls	8,6:152	3,5:9425	1,58	10 1,63	10		1:74	17	0:26	14	01:14	7 5,01 1:712 0:74 0:14
162					1,63	10 1,73	10		0:65	18	0:78	14	01:08	8
	mg antho gab	162-192 mg antho gabbro			1,73	10 1,83	10		0:31	13	0:20	17	01:03	0
162-192 023		65% plag patchy, some laths, 15-20% antho, loc cumm			1,83	10 1,93	10		0:47	11	0:68	13	01:08	8
		10-15% bio, 5% hbl? clots (may be blk bio?)												
		10-15% sulfides dissem, vns, segs, med-strong												
192		mag w cpas vnlts and segs												
192-199 021 alt	mg mafic gab	ksp dike at bottom												
199	msv sulf													
199-210 05														
210	peg	192-199 mg mafic gabbro			1,93	10 1,99	10		0:20	13	0:31	15	01:01	8
210-221 04		In general an altered version of above interval												
221		but with mafics consisting of dk grn hbl and cumm												
	f-mg cumm gab	5% dissem mod mag sulfide												
		1' ksp peg at bottom												
221-270 021														
		199-210 massive sulfides			1,99	10 2,04	10		0:88	14	0:48	15	01:07	3
		mg, variable weak to strong mag po, cp as segs			2,04	10 2,10	10		1:92	16	0:31	15	01:11	0
269.5		bio, chl incls												
270-285 05	msv sulf	210-221 pegmatite			2,10	10 2,15	10		0:49	16	0:70	16	01:04	6
285		ksp, plag?, qtz, bio, chl w 3% strong mag sulfide			2,15	10 2,25	10		0:21	19	0:11	13	01:01	5
285-299 021	f-mg gab	vns, high cp												
298.5														

5-68

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-68
Logged by: H.M. Parker
Date: 1973

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12001	1605	2381	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Deposit
298.5		221-269.5 f-mg cumm gabbro	12001	1605	22510	23510		01416	00414					
msv sulf		65% plag and 25% cumm as patches, antho below 25'			23570	24570		03011	01812	01029				
		5-10% hbl, 5-10% bio, loc peg			24510	25510		05112	02210	01037				
		3-5% scattered sulfides, dissem and vns; weak			25510	26310		02716	01312	01029				
		to strong mag - variable, epas segs	50:9.6.7	30:3.0.1	26310	26810		05717	02210	01037	1.0.510	0:491	0:29	
336					26810	27310		1:4/1:4	01812	01/0 3				
peg					27310	27810		1:4 711	01781/4	01.073				
mg antho gab		269.5-285 msv sulfides			27810	28570	7.0	1:5.719	04513	01088				
		90%, weak mag mg po, epas segs, loc pegmatite,			28510	29717	12.7	02502	01318	01029				
		gabbro as above			29717	30310	5.3	1:1.718	00812	01073				
367														
mg cumm gab		285-298.5 f-mg gabbro												
		65% plag and 25-30% cumm/antho as patches, 5% bio,												
		5% hbl clots												
		5% sulfides, segs, blebs, vns; weak - strong vari-												
		able mag, epas blebs in po.												
391														
fg antho gab		298.5-336 massive sulfides			30310	30810		1:8815	00851/0	01117				
		90-95%, mg weak mag po, epas segs (less than			30810	31310		1:9110	00312	01132	5.3.61	3.0:313		
		normal here?), local pegmatite, chl-garnet inds			31310	31810		1:5815	00371/	01176				
					31810	32310		1:8517	00674	01161			NIL	
Footwall 440														
		336-341 pegmatite			32310	32810		2:0013	00321/	01147				
440-461		ksp, plag, bio, chl, musc · 5% sulfides, chiefly cpw	96.6.438	31.1282	32810	33610	8.0	1:9412	00511/0	01161	.680	1:421	0.30	
sch		minor weak mag po except in vn			33610	34110		05513	00371/	01047				
461.2					34110	36410		01514	00171/6					
bottom		341-367 mg antho gabbro			36410	36910		00616	00111.13	01044				
		65% plag and 25% antho/loc cumm as patches												
		5-10% hbl clots, 5% bio segs, flakes, loc mt sch												
		inds, gabbro is rextz												
		2% sulfides disseminated and assoc w sch inds, '												
		massive sulfide at base l weak mag, trnly cp blebs												
		in po, gar inds) overall 6%? sulfides for intv.												
		367-391 mg cumm gabbro												
		65% plag patches, 25% cumm patches, 10% hbl clots,												
		5% bio segs and flakes, loc patches - segs of cumm												
		rextz text.												
		391-440 fg antho gabbro (basal zone)			40010	41510		00917	00114	01017		1:316		
		65% plag and 20% antho as patches, 10% hbl - few prisms?			41510	41910		04417	00813	01117				
		5% bio as tiny flakes, loc sch inds mt-graph type			41910	42315		03215	03313	01041				
		0% weak - mod mag sulfides, f-mg po, epas blebs,			42315	42514	1.9	1:8914	01217	01147				
		segs. (*except 419-440)						lost core						
		(419-440) mixed peg, gab, msv sulf, loc chl-talc pd			43017	43570		09216	2:6015	01088			T.R.	
		sulfides (15%) are cg weak and strong mag po, epas			43510	44012		03918	00617	01039				
		segs; at 432 have 2' ground core - dk grn dirty												
		sulfide, also core loss 425.4 - 430.7												

299-336 05
336-341 04
341-367 023
367-391 021
391-440 023
440-461 03

5-68

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-68
Logged by H. M. Parker
Date 1973
Page 3 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1200.1	1605	2387	90	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
440-461.2 Schist	1200.1	1605									
pleg, bio, qtz, w loc plag qtz (bio) lays, loc graph											
			113'	339'	223'	1.05'	0.44'				

Deposit

5-69

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11903	1455	2340	90	

Deposit Area 5
Drill Hole 5-69
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0	till	0-71.0 overburden, glacial till (Wyke's contacts)	11903	1455									
		AX Core											
		71.0-73.5 lost											
71	01	73.5-77 mg cumm gabbro											
		60% plag and 30% cumm as patches, 10% hbl as clots											
		loc bio segs											
		77-95 fg antho gabbro			77.0	95.0		0.113	0.101	0.016		1.82	
71.0 73.5 77	lost? mg cumm gab	65% plag and 25% antho, lt brn, as patches, 10%											
1-95	023	hbl rfg clots, loc peg vns (5%), plag bio schinds											
	fg antho gab	2-3% sulfides assoc w schinds, v mag po, cp as											
		vnls											
95													
5-107	025	95-107 pegmatite, m-cg eucritic gabbro											
107		50% cg ksp peg; 50% gabbro: 60% plag as patchy											
07-117	021	laths, 15% hbl intergrown w 10-15% bz and 10-15%											
117	qtz sid frac coats	cumm, loc bio but v little near pegs											
125	fracs												
	fg eucr gab	107-117 rfg gabbro			107.0	117.0		0.134	0.018				
	vert fracs py	60% plag, 30% cumm and antho; 10% hbl, minor bio											
		loc, loc qtz siderite frac coats w assoc loc py											
		3% sulfides, strong mag po blebs, w cp as tiny											
17-184	022	blebs											
		117-125 mg eucritic gabbro (loc m-cg)											
		50-60% plag lath-asic, 15% hbl-aug oph, 10-25%											
184		cumm, 10-25% bz poik, rare bio, 70° fracs											
84-210	04	125-184 fg eucritic gabbro, (loc mg)			142.0	146.0		0.479	0.050	0.066			
		65% plag asic-patchy, 15-30% bz and cumm, 5-10%											
210		hbl, even fg zones have bz (rare in Area 5), 137-139			174.0	183.0		0.097	0.056	0.029			
210-239	025	alt, carb vns, 179-180 graph-mt inch w few sulf,											
		loc peg and rextz zones in intr											
		142-146 msv sulfides, f-mg po, strong mag,											
239		cp as segs, vert fracs w py, few blebs, loc elsewhere											
	f, mg gab peg	184-210 pegmatite, mg gabbro											
		peg: ksp, qtz, bio, loc chl; gabbro: 65% plag, and 20%											
239-297	025	cumm as patches, 5-15% bio hbl and oxides, rextz tex											
		210-239 pegmatite, fg gabbro, msv sulfides			210.0	220.0		0.244	0.302	0.021			
		40% gabbro: 50% plag, 25% cumm/antho, 10% hbl, 15%			220.0	227.0		0.329	0.390	0.051			
		bio, loc schinds, 40% peg: ksp, plag, qtz, bio (musc),			227.0	235.0		0.168	0.138	0.017			
297		20% sulfides msv, dissem, mod strong mag, high cp in peg,			235.0	239.0		1.991	0.220	0.161			

5-69

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,9,0,3	1,4,5,5	2,3,4,0	9,0	

Deposit Area 5
Drill Hole 5-69
Logged by H. N. Parker
Date 1973
Page 2 of 2

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
			1,1,9,0,3	1,4,5,5									
297	f-g cumm gab	210-239 con't, msv zones have cp as blebs											
		239-297 f,mg gabbro, pegmatite			28,810	29,210		0:1,213	0:0,714	0:0,17		2:110	
322	f-m,mg cumm gab	85% gabbro: 65% plag, 25% cumm/anth, 5-10% hbl,			29,210	29,710		0:2,916	0:1,517	0:0,29			
		5-loc 10% bio segs, 15% pegmatite, loc prehnit											
		288-297 3% sulfide blebs, vns, mod mag po; above											
		288 1% sulfides assocw scattered schists, strong mag											
		297-322 f-g cumm gabbro (loc mg, less bio)			29,710	31,210		0:1,14	0:1,414				
		60% plag and 20% cumm as patches, loc anth, 5-10%			31,210	32,015		0:3,215	0:5,110				
		hbl, 5-10% bio, 10% peg wcp, loc mag sch			32,015	33,010		0:1,314	0:0,811				
		incls											
		3% sulfides, blebs and segs, mod-strong											
391		mag											
	f-mg gab	322-391 f-m, mg cumm gabbro											
391-409	021	60% plag, and 25% cumm (loc anth) as patches, 10% hbl and											
408.5		5-10% bio segs, tr po blebs, 5% peg											
409-430	therz pd 624	391-408.5 f-mg gabbro			39,110	40,110		0:1,612	0:0,811	0:0,16			
Footwall 429.5		65% plag, and 25% anth/cumm as patches			40,110	40,815		1:0,516	0:3,410	0:1,10			
gouge?	sch	5-10% hbl/clots, 10% bio segs											
430-458	03	20% sulfides, dissem, msv vns, segs; f-mg po											
455		weak mag to non mag, cp as segs; msv sulf near											
458.2	base bottom	basal 3-4'											
		408.5-429.5 therzolite pd			40,815	41,410		0:5,913	0:3,910	0:0,44			
		20% plag laths, 25% grass grn cumm, 15% anth-			41,410	41,910		0:7,916	0:4,815	0:1,03			
		bz?, 20% blk serpoli; mafics areas w/ dk-			41,910	42,410		0:6,616	0:4,218	0:0,44			
		green segs, loc talc chl near bottom 1'			42,410	42,916		0:6,919	0:3,711	0:0,81	2,806	0:718	0:40
		20% sulfides coalescing blebs; non mag mg											
		po, cp as tiny blebs, 2" msv vn at bottom strong											
		mag, 2" msv vn at bottom, strong mag											
		429.5-455 schist			42,916	43,510		0:1,212	0:0,118	0:0,08			
		plag, bio, qtz, loc chl, plag qtz segs, loc graph lays,											
		occas sulfide blebs, 438', 1" clay gouge?											

5-70

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1,2,2,0,1 / 1,6,0,9	2,3,6,3	9,0	

Deposit Area 5
Drill Hole 5-70
Logged by H.M.Parker
Date 1972
Page 1 of 4

Depth (1"=40')	20 40 60 80 100 % Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0		0-72.6 overburden - glacial till	1,2,2,0,1 / 1,6,0,9											
till		AX Core Below												
5-73 01		72.6-101 fmg cumm gabbro (locuerilic)												
		65% plag asic-patch, 25% cumm patch, 5-10% aug												
		hbl suboph clots rfg, 5-10% bio, 72:6-76 fg, more												
		bio rich (10-15%) wall schincls; plag musc, chl-epi,												
		gar, qtz? (fg pyr in aggregates); loc rexfz, 77-												
72.6		83 broken core, but wall other than Fe stain												
fmg cumm gab		(77-80, 83-84 core loss)												
3-101 021		101-138 fmg, mg gabbro, pegmatite		1,0,5,0	1,0,8,10		1:0,9,7	0:1,0,10	0:0,9					
		70% gabbro: 60% plag patch-asic, 20% cumm chl near												
		peg-patches, 15-20% bio, 5% vfg aug-hbl; have												
101		30% bio repl aug hbl near peg; some rfg gabbro												
fmg, mg gab, peg		chill zones mixed in, sugary kyls not reactive, loc zones												
21-138 025		as above unit away from contacts, 110-111 cg, rexfz,												
		w cumm, bio repl hbl; 30% peg ksp, plag, bio,												
		qtz, loc chl												
134		3% sulfides, loc cp, po veinlets, segs, strong												
fg cumm gab		mag												
38-154 021 qtz carbonate														
153.5		138-153.5 fg cumm gabbro		1,3,8,15	1,5,3,15		0:2,1,5	0:1,7,6	0:1,0,1					
		50% gabbro: 60% plag and 20% cumm vfg asic-patch,												
		5-10% hbl-vfg clots, 15% bio fg segs, loc sericite												
fg cumm gab		alt of gab near schinds, 30% schincls: plag, bio,												
54-211 021		musc, int, graph qtz, loc gar, sunbursts of fourm at												
		144.5. loc qtz-plag-calc vns throughout, loc pyr in												
		qtz												
		2-3% cp, po fg dissem in incls, mod-strong mag												
210.8														
msv sulf		153.5-210.8 fg cumm gabbro (loc mg)		1,6,8,15	1,7,3,0		0:0,9,2	0:1,6,5	0:1,0,1,3			1:4,17		
211-232 05		65-70% plag and 25% cumm as asic patches, loc brn anthg		1,7,3,0	1,8,3,0		0:0,9,1	0:0,5,3	0:0,1,5			1:4,5		
		10% v/g hbl clots, mg zones are not due to rexfz, local		1,8,3,0	1,9,2,0		0:1,9,0	0:0,2,2	0:0,7,4			2:8,8		
232		features; rexfz, 10% bio repl hbl; plag, bio, musc, peg		1,9,2,0	2,0,2,0		0:0,6,1	0:0,4,5	0:0,1,3			0:8,1		
fg cumm gab msv sulf		vns; bio-chl after cumm segs; schincls: plag, bio		2,0,2,6	2,1,0,5		0:1,4,6	0:0,8,6	0:0,2,0			2:2,6		
232-260 05		graph, eop 195-210, ilm segs.												
		2% sulfides above 173- strong mag, 173-182 have 5%												
260		sulfides - weak to strong mag; sulfides occur as vns												
260-265 05														
265 mg cumm gab		210.8-232 msv sulfides		2,1,0,15	2,1,6,10	5 5	1:9,0,12	0:8,7,5	0:2,0					T.R.N.I.L. See Note, Page 4
		95%, mod mag gen, fw weak mag zones, mg po, cpas		2,1,6,10	2,2,1,10		2:0,6,14	0:7,1,8	0:2,1	56:01	3,3:9,7			See Note Page 4.
↓		elongate irregular blebs, loc ilmenite along vert fracs		2,2,1,10	2,2,6,10		1:9,8,13	0:8,3,1	0:2,0					
Cont.		loc chl in clots, plag incls.		2,2,6,10	2,3,2,10	5 5	2:0,0,17	0:5,1,10	0:2,0					

5-70

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No.=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,2,0,1	1,6,0,9	2,3,6,3	9,0	

Deposit Area 5
Drill Hole 5-70
Logged by H.M. Parker
Date 1972
Page 2 of 4

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	AV	Deposit
265		232-260 fg cumm gabbro, msv sulfides	1,2,2,0,1	1,6,0,9	2,3,2	2,3,7		1:1,21	1:4,1	011				
		60% gabbro: 65% plag, 25% cumm, 10% hbl - subophitic fg			2,3,7	2,4,3	L.O	0:8,61	0:8,31	010.9				
	mg very mafic gabbro pd	clots: interlocking fg; loc rextz, cumm segs; vert fracs			2,4,3	2,4,7	A.O	1:8,71	0:3,21	011.9			N.L. See Note Page 4	
		w greenish limonite coats			2,4,7	2,5,1	A.O	0:8,81	1:9,61	010.9			T.R.	
	vert fracs	40% stringer, loc msv sulfides, mg mod mag, po, cp			2,5,1	2,5,6		1:8,71	0:2,41	011.8				
		as veins, segs			2,5,6	2,6,1		1:4,81	0:3,31	011.5	5.01.5	1:6,11	0:7,8, 0:1,6,	
		260-265 mg cumm gabbro, sulfides			2,6,1	2,6,6		0:5,01	0:7,81	010.5				
		5½" plag, 35% cumm, 15% hbl segs, vfg clots in cumm			2,6,6	2,7,2	L.O	0:5,91	0:1,91	010.6				
327.5		sulfides as above												
328-338 64	peg													
338' contact 338.5		265-327.5 mg v mafic gabbro - peridotite			2,7,2	2,7,7		0:6,21	0:2,81	010.7				
	fg cumm gab	80% cumm locally to chl, 20% hbl pinkygrown w cumm, loc			2,7,7	2,8,2		1:2,91	0:1,51	011.3	1.1.7.0	1.1.18	0:5,2	
338-478 021		clots, 10-15% loc plag, loc 20% blk "mag" oli, bottom 2'			2,8,2	2,8,7		0:9,81	0:7,31	010.9				
		anth to repl cumm, few hbl specs remain, where cumm has			2,8,7	2,9,2		1:5,01	0:1,71	011.4				
		all to chl anth does not repl.			2,9,2	2,9,7		0:6,91	0:2,21	010.7				
		30% sulfides, 1-2" stringers gen weak to non mag			2,9,7	3,0,2		0:8,91	0:1,61	010.9				
		few mag zones, some blebs also: mg po, cp as stringers			3,0,2	3,0,7		1:1,13	0:6,41	011.1				
395.5		w po, although some po blebs appear to have no cp.			3,0,7	3,1,7	L.O	0:6,21	0:2,41	010.6				
contact 401	peg	vert fracs have loc Fe stain, cp on some fracs indicates	5,6:4,8,9	2,1:1,3,5	3,1,7	3,2,7	10.5	0:8,21	0:1,71	010.8	6,6.5	0:8,5	0:3,2 0:0,8,	
408.5	mg cumm gab	primary?												
	fg cumm gab	327.5-338.5 m-cg pegmatite			3,2,7.5	3,3,3.5		0:3,51	0:4,91	010.4				
426	m-cg cumm gab, peg	Esp ? (cloudy wh), qtz, plag?, bio musc, peg, few mafic			3,3,3.5	3,3,8.5		0:0,21	0:0,11	010.1				
		gabbro xtals w usual reaction; unable to measure upper												
456		contact dip - obscured by core splitting, lower contact dips												
	fg cumm gab	50°												
466		5-10% sulfides, loc vnlts - msv, cp as stringers w												
	m, m-cg gab	mag fmg po; also some segs present												
478'		338.5-395.5 fg cumm gabbro			3,8,4	3,9,3		0:0,51	0:0,31	010.13		1:1,13		
	pd	60% plag and 25% cumm as ex above, 15% hbl aug vfg			3,9,3	3,9,8		0:2,21	0:0,71	010.2				
chert veins 483	fg gab	clots, tr bio, loc rextz, loc sch inds, loc ksp?												
485.5		plag, qtz bio, musc peg; 363-365 m-cg rextz (similar												
490	fg mg dior peg, with pyrox	to peg) gabbro inds: 65-70% plag sugary, 20% bio												
478-502 025		5-8% hbl vf grains xtls - 5% po, cp fg disseminated blebs; 393-												
502 Footwall 502		395 sch ind near bot w cp, mt, po, dissem vnlts,												
502-528 03	sch	this could be rextz gab?												
		1-2% sulfides overall												
528	bottom													
		395.5-401 m-cg pegmatite												
		plag, qtz, bio; loc gab inds of usual type, upper												
		contact obscure, lower contact 70°												
		401-408.5 mg cumm gabbro (somewhat leucocratic vs loc)												

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-70
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12201	1609	2363	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
401-408.5 cont'd: 60% plag, 25% cumm, 10% hbl suboph clots, 5% bio repl hbl segs - increasing bio within 3" of upper pegmatite	12201	1609									
408.5-426 fg cumm gabbro 60% plag asic, 25% cumm as patches, 10% hbl vfg clots, loc rextz cumm alt to antho, have 5-10% bio; loc m-cg plag qtz bio peg w bio reaction near gabbro 1-2% sulfides, loc po vnlts - mag, and assoc w mt graph schnlts, trep vnlts separate from po but in incls			4175	4245		0.114	0.075	0.02			
426-456 m-cg cumm gabbro, pegmatite 50% gabbro; 65% plag and 20% cumm as patches 15% bio - 1/8" segs repl hbl, < 5-10% hbl (loc suboph clots where have less bio); 50% peg: ksp, plag qtz, bio w loc musc, m-cg 2% sulfide blebs in peg, gabbro incls in peg, po is strong mag, cp included w po in blebs			4440	4490		0.325	0.163	0.03			
456-466 fg cumm gabbro 65% plag, and 20% cumm/antho as patches, 15% hbl clots, rextz loc w up to 10% bio, and cumm intergrowths or repl hbl 1% sulfide-oxide blebs (mt) w oxides rimming strong mag sulfide			4590	466		0.056	0.046	0.013		1.019	
466-477.7 m, m-cg gabbro 65% plag asic, 25% cumm patches, 10% hbl suboph clots, loc plag, ksp, qtz, bio musc peg w loc vns of mag po, loc pd as below 10% mod mag dissem po, no cp except in larger blebs			4660	4760		0.475	0.144	0.04			
			4760	4860		0.183	0.107	0.03			
477.7-483 peridotite 80% cumm-tale (loc alt to antho), 20% hbl (also loc alt to antho) 5% strong mag sulfides, intergrown po, cp small inst blebs; some 1" blebs											
483-485.5 fg cumm gabbro 70% plag asic, 25% dk grn asic cumm/hbl, 5% bio as small segs, diabasic tex, slightly alt, bottom contact irregular, Cherty vns at top 20° dip											
485.5-490 f, mg diorite? 70% plag cloudy, patchy rextz, 30% hbl, tr cp, po inst			4860	4960		0.081	0.270	0.02			

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-70
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,2,0,1	1,6,0,9	2,3,6,3	9,0	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
490-502 pegmatite, tactile or pyrox?	1,2,2,0,1	1,6,0,9	4,9,6,10	5,0,2,10		0.361	0.277	0.108			
ksp peg (nothing but ksp), poorly formed xtls, mixed w qtz carb tactile or anth bio 461 pyrox											
5% sulfide blebs, vnlst, 2" vns, cg, magnetic, cp, po together and separate, higher than normal cp											
502-528 schist											
plag, bio, (musc-chl) qtz gar, w plag-qtz segs											
More gneissic 502-512, some recrtz to fg bio plag											
diorite here, 40-50° fol.											
Note SUDBURY ASSAYS											
Intv. Fe S Au Ag Pt group											
210.5-216 Nil 0.02 0.003											
216-221 58.03 35.92											
243-247 Nil											
LAKEVIEW ASSAYS											
210.5-216 <0.002 0.19 <0.002 each for Pt, Pd, Rh											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-71
Logged by H. M. Parker
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12100	1557	2374	90	

Depth (1"=40')	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	AU	Deposit
0	0-73.8 overburden, glacial till	12100	1557										
	AX Core Below												
-74 01 till	73.8-120 mg cumm gabbro, pegmatite. 60% gabbro: 60% plag, 25-30% cumm, 10% bio segs, tr hbl, patchy but igneous tex. 40% peg: ksp, qtz, (plag), bio, (tr musco), (tr gar); gabbro is bio-plag w/in peg tr sulfide blebs, dissem, in peg												
73.8	120-140 f, mg gabbro 60-65% plag, 20-30% cumm or antho, 0-10% bio, 5-10% hbl, loc schincls, rextz patchy text, gradational contact at bottom over 2-3'												
14-120 025 mg cumm gab, peg	1% sulfide blebs, vnlts, mod mag, cp as blebs in po												
120	140-163.5 mg cumm gab (loc m-cg), eucritic toward base 50% lathy asic plag, 10-15% cumm, 15% hbl-augite oph, 0-25% bz poik, loc antho?, loc peg vns < 5%, loc chl?												
20-164 021 fimg gab	2" peg vn at bottom, good tg text to gabbro												
140 gradational contact mg cumm gab	tr sulfides, dissem blebs												
	163.5-320 msv sulfides			163.5	169.0	5.5	1.991	0.907	0.147	56.0	33.67	NIL	
163.5 eucr.	92% cg po to 204, mg thereafter, cp as segs to 212,			169.0	174.0		1.837	0.926	0.159				
	blebs to 263, segs to 301, blebs to 320; po mod mag to			174.0	179.0		1.918	0.837	0.167				
	215, weak thereafter (loc mod); loc schincls: plag, bio			179.0	184.0		1.999	0.875	0.159				
	int and fg cumm gabbro w usual composition, minor			184.0	189.0		1.951	0.938	0.125				
	antho?, chl, gar incls common tiny blebs			189.0	194.0		1.715	0.743	0.149				
	(215.6-206.2, core loss)			194.0	199.0		1.788	0.812	0.150				
	320-351 mg cumm gabbro (loc m-cg)			199.0	204.0		1.877	0.875	0.161				
	60% lathy plag, 30% cumm and 10% hbl intergrown, also			204.0	209.0		1.065	1.064	0.094				
	segs, patches, 0-5% bio segs, 10% peg vns			209.0	214.0		1.567	0.630	0.117				
	2% sulfide blebs concentrated in 2' zones of 10%			214.0	219.0		1.764	0.699	0.150				
	sulfides, strong mag po, cp as segs			219.0	224.0		2.016	0.970	0.168				
				224.0	229.0		1.715	0.869	0.144				
	351-374 mg cumm gabbro, pegmatite			229.0	234.0		1.991	0.907	0.170				
	80% gabbro: 60% plag (loc cloudy) and 25-30% cumm as patches,			234.0	239.0		1.999	0.856	0.132	55.4	34.06	NIL	
	5-10% hbl clots and intergrown w cumm			239.0	244.0		1.975	0.900	0.170				
	10% bio segs, 20% ksp, plag, qtz, bio, peg			244.0	249.0		1.991	0.724	0.164				
	1% sulfide scattered blebs, mod mag			249.0	254.0		1.975	0.787	0.167				
				254.0	259.0		2.048	0.749	0.174				
	374-395 mg cumm gabbro			259.0	264.0		2.007	0.900	0.132				
	30-50% plag, 35-50% cumm, 10-15% hbl aug, 0-10% bio			264.0	269.0		2.024	1.001	0.174				
	segs, loc chl, intv is similar to 320-351			269.0	274.0		1.593	0.604	0.137				
	1% sulfides, occas blebs, mod mag, cp w/in po			274.0	279.0		1.975	0.787	0.156				

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-71
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12100	1557	2374	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	AU	Deposit
163.5		395-424 mg cumm gabbro	12100	1557	2790	2840		2072	0.913	0.169				
		5% (loc 60%) plag asic - patchy variable, 20-40% cumm,			2840	2890		2040	1.045	0.147	48.61	33.39	NIL	
	msv	loc chl?, 0-10% hbl clots, 0-15% bio, 10% pegs			2890	2940		1.942	0.963	0.160				
	sulf	415-416 msv vn 75% sulfide, strong mag, else-			2940	2990		2.089	0.945	0.171				
		where 10% scattered blebs as above - mod mag			2990	3040		1.963	0.919	0.166				
					3040	3090		2.164	0.718	0.170				
		424-434 hybrid schist			3090	3140		2.081	0.957	0.173		1.562	1.91 0.87 0.15	
164-320	05	fg, rextz, foliated 65% plag 20% bio, 15% hbl, minor			3140	3197	5.7	2.052	1.058	0.161	55.61	34.91	NIL	
		anthos? loc qtz segs, loc peg gn			3197	3250		0.089	0.018					
					3350	3350		0.057	0.013			0.99		
		434-448 gneiss			3350	3390		0.086	0.039	0.013		1.12		
		plag, bio, psuedosilli, w plag, qtz, musc segs, big												
		py cube @ 447 - could be in a crack, 150 avg fol.			4147	4159		0.621	0.112	0.064		12.39		
320		mg cumm gab												
320-351	021													
351		mg cumm gab, peg												
351-374	025													
374		mg cumm gab												
374-395	021													
395		mg cumm gab												
395-424	021													
Footwall 424		hybrid sch												
424-434	024													
434		gn												
434-448	09													
448		bottom												

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,4,0,1	1,6,5,2	2,3,7;9	9,0	

Deposit Area 5
Drill Hole 5-72
Logged by H.M. Parker
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Depth (1"=40')	20 40 60 80 100 % Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-88 overburden - glacial till Ax Core Below	1,2,4,0,1	1,6,5,2									
	till	81-86 gossan, clay, brick red-yellow, hardpan probably in overburden - till, similar below unmin'z											
		86-128 mg cumm gabbro, pegmatite 65% plag, 20-25% cumm patchy but somewhat igneous tex, 10% hbl oph segs, clots, 5% bio segs, 15% ksp, plag, bio, qtz, musc peg, loc sch rinds; 1% plag, w tr sulfide											
81													
86	gossan/till												
	mg cumm gab peg	128-171 f,mg (m is close to mg) cumm gabbro 30-65% plag and 30-50% cumm patches, igneous text to rextz - variable, 10% hbl aug oph clots, 5-10% bio clots, segs, 10% ksp peg vns loc sulf segs and dissem, cp as segs, pof-mg, strong mag - 1% for intv			1,5,1 10	1,5,4 10		0:4,7	0:2,4				
128													
	f,mg cumm gab	171-318 f-mg (loc m) cumm gabbro, mor sulfides, pegmatite 70% gabbro; 65% plag, and 20% cumm as patches, loc antho, 10% hbl clots, 0-5% bio, loc v mafic (25% plag, 60% cumm 10% hbl, 5% bio, 5% pegmatite: ksp, plag, qtz, bio (musc), only occurs minz 25% overall sulfides as mor vns, segs, strong mag to 204, mod mag below, loc weak, f-g po, some mg, cp as segs; 171-220 10%, 220-274 25%, 274-286 80%, 286-300 30%, 300-318 15%			1,7,1 10	1,7,7 10		0:2,4	0:2,6				
					1,7,7 10	1,8,3 10		0:2,3	0:0,8				
					1,8,3 10	1,9,6 10		0:0,3	0:0,9				
					1,9,6 10	2,0,1 10		1:0,2	6:7,7	01:1,0			
					2,0,1 10	2,1,1 10		0:0,8	0:0,6				
					2,1,1 10	2,2,5 10		0:0,6	0:0,4	01:0,2			
					2,2,5 0.	2,3,0 16	5.6	1:5,0	0:4,6	01:1,5			
					2,3,0 16	2,4,4 10	1.4	0:1,5	0:2,4	01:0,2			
					2,4,4 10	2,5,0 10	6.0	1:9,8	0:4,0	01:1,8	.250	0.89	
					2,5,0 10	2,6,1 10	11.0	0:4,9	0:8,0	01:0,4			
		318-362.5 f-mg peridotite, net text sulfides slight talc alt of cumm, where not net texts have a mafic gabbroic diffuse text; 20% plag segs, w rest cumm net text areas below 347 have talc cumm patches, 01 (blk in holes of net.) and mt 30% sulfides, blobs, segs			2,6,1 10	2,6,7 10	6.0	0:0,7	0:0,4	01:0,4			
					2,6,7 10	2,7,3 10	6.0	1:0,1	0:0,8	01:1,4			
					2,7,3 0	2,7,8 10	5.0	1:3,0	0:9,8	01:1,8			
			3,3:8,2		2,7,8 10	2,8,3 15	5.5	1:0,2	2:7,0	01:1,5	3,905	0:0,61	,249 - 283.5
					2,8,3 15	2,8,9 10	6.0	0:4,8	0:6,6	01:0,5			
					2,8,9 10	2,9,4 10		0:8,6	0:2,0	01:0,8			
					2,9,4 10	2,9,9 10		1:4,5	0:2,8	01:1,6	.550	0:0,71	330.4 - 339.
		362.5-376 f,mg talc-cumm gabbro, pegmatite 60% gabbro: (both pds above and mafic gabbro in equal amounts) 20% plag, 70% bleached cumm, 10% hbl-aug f intergrowths, 40% ksp, bio peg; minor plag qtz musc 5% sulfide blebs, weak mag, cpas segs			2,9,9 10	3,0,4 10		0:9,6	0:4,6	01:0,9			
					3,0,4 10	3,0,9 10		0:8,0	1:2,9	01:0,8			
					3,0,9 10	3,1,4 10		0:8,4	0:3,6	01:0,7			
					3,1,4 10	3,1,9 10		0:8,9	0:2,4	01:1,4			
					3,1,9 10	3,2,4 10		0:5,3	0:1,8	01:1,0			
					3,2,4 10	3,2,9 10		0:8,7	0:5,2	01:1,0			
					3,2,9 10	3,3,4 10		0:9,6	0:7,2	01:1,6			
		376-476 f-g (loc mg) cumm gabbro 60-65% plag, 25-30% cumm, 10% hbl, 5% bio (loc more)			3,3,4 0	3,3,9 10		0:5,9	0:5,4	01:0,9			
					3,3,9 0	3,4,4 10		0:7,2	1:1,2	01:1,6			

01
025
021
cont

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-72
Logged by H.M. Parker
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12401	1652	2379	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S		Deposit
171	376-476 cont'd diffuse text, loc more mafic fg zones	12401	1652	34410	34910		1.42	0.31	10.16				
	10% plag, bio, chl, musc, qtz sch inds			34910	35410		0.89	0.42	10.11	1.219	0.814	0.57	
	414-420 1% sulfide, fg dissem, mod mag;			35410	35910		0.59	0.64	10.11				
	cpns segs			35910	36610		0.40	0.23	10.09				
				36610	37610		0.15	0.08	10.03				
				41410	42010		0.13	0.14					

71-363 05 — fmg cumm gab, msv sulf, peg

318 — f-mg pd, net tex sulf

362.5 — f, mg tak cumm gab, peg

363-376 025 — 376

376-476 021 — fg cumm gab

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,2,1,0	1,5,0,6	2,3,9,4	9,0	

Deposit Area 5
Drill Hole 5-73
Logged by H.M. Parker
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Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Deposit
0	5	10	15	20		25	30	35	40		45	78 60
0-112. overburden - glacial till	1,2,2,1,0	1,5,0,6										
Ax Core Below												
112-176 f-g cumm gabbro, schist inds												
65% plag repl basic, 15% cumm, patchy 15% hbl sl. patchy sus												
biosegs, 112-117.5 f-mg, rest of int shows sugary text												
except where rexte, loc actinolite cumm; f-g plag qtz												
bio (chl), loc musc pegs throughout. 15% (?) plag, bio (chl)												
musc), qtz gar schinds, some well assimilated, 151-159												
altered zone wh clay, epi, (chl?) 156-157 calcite												
1% strongmag sulfides, scat blebs esp @ 140												
176-179.5 msv sulfides, f-mg gabbro, schinds, peg			1,7,6	1,8,1		1:2	0:5	0:1				
60% sulfides as below, 20% f-mg gabbro rexte												
80% cumm, 20% plag basic), up to 40% gar in sch												
inds, gabbro is loc biorich (near peg)												
112												
179.5-239 msv sulfides			1,8,1	1,8,6		1:9	1:0	0:1	5,5:8	3,3:1	0.1	See Nok page 3
95% mg, loc fg strong mag, po, loc weak mag, some			1,8,6	1,9,1		1:9	0:9	0:1				
mt in fg zones?, epo small blebs, few vnlts, common			1,9,1	1,9,6		2:0	1:0	0:1				
dendritic chl inds, gar			1,9,6	2,0,1		1:9	0:8	0:1				
			2,0,1	2,0,6		1:9	1:0	0:1				
239-273.8 cg pegmatite			2,0,6	2,1,1		1:9	0:8	0:1				
ksp (perthitic), plag qtz, bio, minor musc; occas			2,1,1	2,1,6		1:7	0:7	0:1				
chl? sutures along cracks (could be bio); from 266			2,1,6	2,2,1		1:7	1:1	0:1				
on have rexte gab inds! 60% plag as patches 15%			2,2,1	2,2,6		1:9	0:8	01:2	5,7:11	36:8	← LAKEVIEW FE,S	
cumm patches, 10% hbl (repl by bio), 15% bio segs			2,2,6	2,3,1		1:8	0:8	01:1				
30% sulfides, scattered vns w gar, chl assoc.	1,1,7,8,6	5,7,3,3	2,3,1	2,3,9	90	2:0	0:9	01:1	5,7:4	3,4:1	See Nok, page 3.	
msv zones 241.5-242.5, 256-262, mod mag			2,3,9	2,4,4		0:6	0:2	01:0	6,3:0	1:8	0:9.1	
horiz upper contact 10° lower contact to int'v			2,4,4	2,5,6		0:0	0:0	01:0				
			2,5,6	2,6,2	6.5	1:8	0:7	01:1				
273.8-330 fg cumm gabbro, pegmatite			2,6,2	2,7,5	2.5	0:1	0:0	01:0				
50% plag, and 30-40% cumm basic-patchy, 10% hbl inst			2,7,5	2,8,5		0:5	0:3	01:0	9,1	0:2	0:1.6	
clots, 0-10% bio segs; loc rexte, have incr in			2,8,5	2,9,8		0:1	0:0					
bio, 20% plag ksp?, qtz, bio (chl), musc peg,			2,9,8	3,0,3		0:4	0:3	01:0				
loc sch inds			3,0,3	3,0,8		0:1	0:1					
5% sulfide vnlts, blebs esp in upper 20', strong			3,0,8	3,2,3		0:0	0:0	01:0				
mag gen fg po, cp blebs and stringers	1,4,3:7,95	7,1:6,3	3,2,3	3,3,0		0:0	0:0	01:0	1,5,4	0:9	0:4.6	
			3,3,0	3,3,5		2:1	0:3	01:1				
330-351 msv sulfides			3,3,5	3,4,0		2:0	0:3	01:1	2,1:0	1:8	0:3.7	
90% fmg weak mag-nonmag po, v little cp - occurs			3,4,0	3,4,5		1:8	0:3	01:1				
blebs, chl, plag, qtz gar inds, loc graph sch inds	1,8,1:5,2,5	7,9:4,1	3,4,5	3,5,1	6.0	1:2	0:4	01:1	1,7,5	1:0	0:4.5	
			3,5,1	3,5,7	6.5	0:0	0:0	01:0				
351-404 ms cumm-hbl gabbro			3,5,7	3,6,0	3.0	1:6	3:4	01:1				
65% plag patches of basic xtls, 25% cumm in patches, loc			3,6,0	3,7,0		0:0	0:1					

112 | 176 | 239 | 273.8

Cont.

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12210	1506	2394	90	

Deposit Area 5
Drill Hole 5-73
Logged by H.M. Parker
Date 1972
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Depth (1"=40')	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
273.8	351 - 404 cont'd: chl, 10% hbl small clots; upper 2'	12210	1506	37.0	38.5		0.094	0.075	0.015		1.52	
	mg rextz, loc rextz below, w plag bio graph qtz			38.5	40.0		0.068	0.111	0.012		1.22	
274-330 025	sch incls also, loc peg as above, loc (363, 387.5) core			40.0	41.5		0.064	0.107	0.013		1.12	
	has brn cast - vfg bio on plag?, anthо?											
	2% sulfides for intv (357.5-360 mg msv sulf											
	mod-strong mag, cp as seg at 357.5 and tiny blebs											
	also loc porns, cp blebs,) rest of intv vns, blebs assoc											
	w sch incls											
330												
330-351 05	msv sulf			41.5	42.5		0.095	0.118	0.017		1.57	
	404-417 mg antho gabbro											
	50% wh - colorless plag and qtz?, 30% antho, 10% hbl-											
351	sub oph, 10% bio assoc w hbl, loc strung out sch incls											
	1% strong mag sulfides, vn of po, cp at lower contact											
351-417 023	mg cumm/ antho gab											
	417-425.8 fg cumm gabbro											
	60% plag and 25% cumm as patches, 10% hbl sub oph,											
	5% bio, loc rextz; loc highly digested sch incls											
	2% sulfide blebs, strong mag											
404												
	425.8-430 pegmatite											
417 — 417	mg antho gab											
	plag, qtz, bio, musc, ksp?, upper and lower contacts											
	60°											
contacts 425.8	fg cumm gab / peg											
430												
417-453 025	fg cumm gab sulf vns			43.0	43.5		0.18	0.08	0.02			
	65-70% plag, and 15% cumm as patches, 10% hbl sub oph,			43.5	44.0		1.93	0.53	0.22			
	5-10% bio segs, some vfg; gabbro. s loc rextz mg, loc plag			44.0	44.8		0.50	0.17	0.04			
453 ~~425~~ Footwall 452.5	bio sch incls esp in peg areas, - which occurs as loc vns			44.8	45.3		1.73	0.34	0.16			
456	mg hyb sch											
453-469 024	fmg hybrid sch											
	plag qtz bio musc, the pegs could be porphroblasts orig?											
468.5	where rextz mafics are intergrown											
	45% sulfides, 1-4' layers (largest 435-439), gen											
469-482 03	weak mag toward top and strong mag toward bot											
482	bottom											
	452.5-456 mg hybrid schist,											
	pegmatitic porphroblastic segs; 60% plag patchy-asx, 30%											
	cumm (might be shiny grn hbl), 20% bio											
	loc sulfide vns, mag po, cp											
	456-468.5 fmg hybrid schist											
	essentially as above, loc more bio or cumm, loc plag, qtz, bio											
	fmg insipient peg segs, loc plag bio qtz sch; here											
	amphibole is hbl, not cumm.											
	468.5-482 schist											
	plag, bio, qtz, musc (chl), crenulations, avg dip 10-40°,											
	plag - qtz porphroblastic segs											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole S-73
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,231.0	1,506	2,391	90	

Depth (1"=40') | % Sulfide (visual) 20 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
	1,221.0	1,506									
SUDBURY ASSAYS											
1974 Fe S Au 181-186 56.30 36.06 TR											
231-239 58.40 37.44											
LAKEVIEW											
181-186 55.76 35.7 0.005											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-74
Logged by H.M. Parker
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12304	1604	2404	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0	0-92 overburden - glacial till	12304	1604									
	Ax core Below											
	92-99 fmg cumm? gabbro											
-92 01	60% plag asic-patchy, 20% cumm (dk grn) could be hbl, 15% hbl											
	5% bio segs											
	99-123.5 schist incls											
	plag, bio, qtz, musc, loc gar, chl, mt; 10-15% fol., hybrid											
	gab dike (plag bio granofels) 101-103											
	1% sulfides, fg po segs											
92	123.5-160 mg (loc m-cg) cumm gabbro, pegmatite											
2-99 021 99	50% gabbro: 60% plag, 30% cumm patches, 0-5% hbl as											
9-160 025	fg clots in cumm, 5-10% bio segs; 50% peg: ksp, (plag,											
	qtz, bio, musc											
123.5	tr sulfides (blebs in gab mostly)											
	160-170 fg (loc rextz mg) cumm gabbro											
	40-50% plag asic mostly, 40% cumm as large patches, 10%											
	hbl clots, 10% bio flakes, also 2-3" bio patches; 2" hbl											
	alt at 164-166											
160	1% sulfides, tiny dissem blebs, strong mag											
60-170 021 hbl alt → 170	(161.0-161.5 core loss)											
	170-234 mg (loc fg) cumm gabbro			170	175		0.28	0.28				
	60-65% plag asic bundles, 25-30% cumm, loc anthro, 5%			175	180		0.27	0.24				
	hbl clots, 5-10% bio segs											
	170-180 10% sulfide blebs in sl more mafic zone, cp			192	197		0.54	0.49				
70-234 021	as blebs in po and segs - mod-strong mag			197	205		0.44	0.21				
	192-204 predom schinds - mt graph digested type,											
	15-20% sulfide vns, segs, strong mag po, f, mg, cp											
	as segs generally											
234	234-319 f, mg cumm gabbro			253	268		0.232	0.178	0.024		1.57	
	somewhat similar to above: 60-65% plag and 25-30% cumm											
	loc anthro as patches more so than above, 5% hbl (loc 10%)			302	306		0.237	0.206	0.016		1.53	
	5% bio flakes, segs, loc more mafic, loc peg vns and			306	311		0.18	0.08				
	schinds <5%			311	315		0.022	0.044	0.009		0.19	
	5% sulfides, blebs segs 302.7-311, overall 1-2%											
	strong mag, vns, segs; 3" msv vn @ 292											
	319-398 fg cumm gabbro (loc rextz)			335	338		2.03	0.74	0.17			
	60% plag and 30% cumm as patches, 10% hbl clots, few			338	350		0.152	0.110	0.017		1.80	
	oxide clots, 5% ksp plag qtz chl bio peg; few (<5%)			350	363		0.142	0.073	0.019		2.12	

↓ cont.

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12304	1604	2404	90	

Deposit Areas
Drill Hole 5-74
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Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
234		319-398 Cont'd! Sch incls: graph-mt type w assoc sulf	12304	1604	363.5	381.5		0.064	0.049	0.011		0.98	
		tr sulfides to 335; 335-338.3 95% msv sulf			381.5	384.5		0.85	0.19				
		w 2" peg @ contacts, po is fg (unusual), weak mag, cp											
234-319	021	as segs. 339-381.5 3% sulfides assoc w sch incls											
		strong mag; 381.5-384 60% msv sulfides in peg,											
		gab and sch incls, mod mag, 384-398 tr sulfide											
		blebs											
		398-489 f, mg cumm gabbro			438.0	450.0		0.137	0.200	0.021		2.86	
		65% plag and 20-25% cumm as patches, loc antho, 5%			450.0	459.0		0.092	0.108	0.015		1.65	
		hbl, 3% oxides? clots, 0-5% bio segs, 60° fracs @ 422			459.0	473.0		0.26	0.37	0.04			
		1% sulfides to 438 occurs blebs			473.0	483.0		0.11	0.13	0.02			
319		3% sulfides 438-460, strong mag fmg, mg po, cp as			483.0	488.0		0.52	0.18				
	fg cumm gab	blebs, segs in po, loc high pn?, loc cg gabbro here.											
		3-5% sulfides 460-489, blebs, segs, vnlts, strong											
		mag mg po, cp as blebs, segs in po											
398 319-~~348~~	021	489-497 f, mg antho gabbro			488.0	498.0		0.13	0.08				
		65% plag patches, 20% antho sheets, 10% hbl clots, 5-10%											
		bio segs											
		2% sulfide blebs, strong mag, fg po, cp in po											
		497-548 fg antho gabbro, sch incls, peg vns-hybrid			498.0	503.0		0.26	0.10				
		Zone											
398		45% gabbro 60-65% plag and 20% antho as patches, 5-10% hbl clots,			529.5	538.0		0.088	0.049	0.014		2.07	
	f, mg cumm gab	10% bio segs, loc v fg cumm gabbro; 45% sch incls:											
		plag, bio, loc mt graph w sulfides, marbled text,											
398 ~~348~~-~~3~~489	021 frac	sch incls predominate from 536; 10% peg vns											
		497-503 10% sulf, fg strong mag po, cp as segs											
		in sch incls											
		503-548 1% sulfide segs, strong mag											
489-497	023	489 f, mg antho gab 497											

↓ cont.

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Arnas

Drill Hole 5-74

Logged by H.M. Parker

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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12304	76044	2404	90	

Depth (1"=40')

% Sulfide (visual)
20 40 60 80 100

Description

Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
12304	1604									

497

fg anhe gab, sch inds, peg

497-548 025

Footwall??

548 548

bottom

5-75

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-75
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12003	1454	2347	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	AV AG	Deposit
0		0-75 overburden - glacial till	12003	1454										
		A X Core Below												
-75 01	till	75-259 fmg cummgabbro, pegmatite, sch inds			88 15	94 10		0.52	0.40	0.09				
		70% gabbro 50-65% plag and 25% cumm as patches, loc asic, 10%												
		hbl, 0-15% bio segs (near inds); peg; 20% peg:			153 15	156 10		0.51	0.12					
		ksp, plag, qtz, bio, musc, solid peg zones 177-197, 245-												
		259; 10% sch inds: plag bio (chl), loc graph mt;			214 10	219 10		0.42 9	0.51 4	0.04 3		7.92		
		3' calcite-qtz vn @ 232-234, gabbro is loc rextz												
75 — 75		sulfides are assoc w peg or sch inds mostly,			234 10	239 10		0.05 7	0.75					
		strong mag po, cp as segs: 89-94 10%, 153-156												
		3%, 214-219, 5%, 234-239 10%												
	fmg cumm gab, peg sch inds	259-343 fg cumm gabbro			259 15	273 10	13.5	0.79	0.19	0.10				
		60% plag and 30% cumm loc antho, as patches, 10%			273 10	280 10	7.0	0.21	0.20	0.02				
		hbl, 5% peg vns w gar			280 10	288 10	8.0	1.03	0.30	0.10				
		15-20% sulfides - msv vns, cp as segs, strong			288 10	293 10		1.18	1.71	0.14			TR 0.22 (SUDBURY)	
		mag 259-270, mod mag 270-300; weak mag beyond			293 10	298 10		1.21	0.67	0.11				
					298 10	303 10		1.29	0.88	0.12				
		343-382 fmg antho gabbro			303 10	308 10		0.57	1.98	0.05	280-314			
5-259 025		65% plag and 20% antho as patches, 5-10% hbl asic			308 10	314 10	6.0	1.34	1.68	0.18	3 40	1.10	1.14	
		clots, 5-10% bio segs, loc peg, mt graph sch inds			314 10	332 10	8.0	0.21	0.38	0.02				
		esp. toward bottom			332 10	338 10	6.0	0.95	0.38	0.09				
		10% sulfides, vns, blobs, weak mag, cp as			338 10	344 10	6.0	0.89	0.22	0.09				
		segs			344 10	349 10		0.79	0.66	0.15				
					349 10	354 10		1.28	0.58	0.10				
	peg	382-412 f, mg cummgabbro			354 10	365 10	11	0.34	0.28	0.03				
		65% plag and 20% cumm as patches, 10% hbl inter-			365 10	370 10		1.27	0.35	0.15				
	fmg cumm gab, peg,	grown w cumm, 5% bio segs, loc higher amts, rextz			370 10	378 10	8	1.07	0.81	0.10	98 10	0.81	0.64	
		text - mostly mg; 10% peg; locally gabbro is mafic												
		1% sulfide blobs, vns, weak mag mg po, cp as												
		segs												
3' qtz-calc vns	sch inds	412-431 schist												
		plag, bio, qtz, gar w loc graph, fg po, psuedosilli?												
	peg	10° avg fol.												
259 — 259														

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5

Drill Hole 5-75

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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,200,3	1,454	2,341,7	90	

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
259			1,200,3	1,454									
		fg cumm gab											
343		fmg anth gab											
382		f,mg cumm gab											
		Footwall 412 amp. fel sch											
431		bottom											

59-343 021

343-382 023

382-412 021

412-431 03

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12205	1403	2423	90	

Deposit Area 5
Drill Hole 5-76
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5-104 01

104-112 021

112-200 025

200-281 021

281-309 023

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	% Ni	%Cu	%Co	%Fe	%S	Deposit
			5	10	15	20		25	30	35		40	45 70 80
0		0-104 overburden - glacial till	12205	1403									
		AK Core Below											
		104-107 f-mg cumm gabbro, schistinels											
		50% gabbro: 65% plag, asic patches, and 35% cumm patches											
		10-15% hbl fg clots, 5% bio small segs; schist is plag,											
till		breccia, gar, qtz, graph w dissempy? 10c pegmatitic											
		porphyroblasts of plag and qtz											
		107-111.8 f-mg cumm gabbro											
		65% plag, and 20% cumm as interlocking asic patches, 10-15%											
		hbl, 5% bio as subophitic clots, 10c qtz blebs											
		111.8-173 f, f-mg cumm gabbro, pegmatite, schincls											
104	gab, schincls	80% gabbro											
107	f-mg cumm gab	60% plag patches-asic, 25-30% cumm patches endos. plag,											
		10% aug-hbl vfg clots (repl by cumm to some extent)											
111.8		0-10% bio; 10% peg: plag, qtz, chl (musc); and 10%											
	f, f-mg cumm gab, peg, sch incls	schincls as above; gabbro has 10c sugary text. - chill											
		zone?											
		173-200 pegmatite, gabbro and schincls											
		50% peg, m-cg, plag, qtz, bio, chl, musc, 30% gabbro											
		incls, frag, 60% brn bio and 30% plag as asic,											
		10% blk bio patches; 20% sch incls, plag, bio, graph,											
173		10c chl, gar w patchy text, irregular upper contact,											
	peg, gabincls, schincls	15° lower contact; chl segs in peg, mod mag mtl(lm?											
		1% sulfides, strong mag, 10c po (cp) vnlts in sch and											
200 contact		peg											
	fg cumm gab	200-216 f-g cummgabbro											
		similar to above; 65% plag asic patches, 25% cumm											
216		patches, 10% hbl fg clots (was subophitic and repl?)											
	mg cumm gab	10c up to 40% bio, 60% cumm, 10% mag schincls as above											
224		10c 2" peg vns											
	fmg cumm gab	1% sulfide blebs, vnlts, cp-po											
236		216-224 mg cumm gabbro (some fg as above)											
	mag cumm gab	60% plag asic patches, 25% cumm patches(?), 10-15% hbl											
		oph clots 1/8", <5% bio, good igneous tex											
253		224-236 f-mg cumm gabbro											
	fmg cumm gab, schincls	60% plag asic, 25-30% cumm patches - 10c recrystd chl, 10% hbl											
272.5		subophclots, segs; more recryst tex than above; 5-10% schincls											
	mg cumm gab												
281													
	mg anthro gab												

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-76
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Date 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12205	1403	2423	90	

Depth (1"=40')	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
301	cg cumm gab, eucrite	12205	1403									
301-315 023	315											
315-374 021	fg cumm gab											
	374			258	270		0.024	0.025	0.012		1.96	
374-408 022	mcg eucritic gab			270	280		0.024	0.018	0.011		1.39	
	407.5											
408-430 021	m-cg cumm gab											
	430 431											
430-445 05	msv sulf											
Footwall	444.6											
445-455 03	449 fol 455			280	285		0.09	0.10				
	bottom											

Depth (1"=40') 20 40 60 80 100 %Sulfide (visual)

Drill Hole No. 5 10 15 20 25 30 35 40 45 78 80

Description

224-236 cont'd: 1% sulfides, strong mag

236-253 mcg cumm gabbro, loc fg, loc eucritic
50-60% plag patches of asic, 30-40% cumm patches →
chl, loc bz, 10% hbl-aug subophclots, 5% bio
sometimes in cumm, loc peg, schinds, loc rextz
gab (bio, cumm, plag) toward bottom 246-253, have
bio repl cumm, hbl
schinds have mt, po, tourmaline

253-272.5 fmg cumm? gabbro, schistinds
85% gabbro; 50-60% plag, and 20-30% pale grn cumm
as patches, 10% fg hbl clots, 10% bio segs; 15%
mt, graph schinds as above
2-3% sulfides (assoc w schinds)

272.5-281 mg cumm gabbro (loc cg)
60% plag patches, 15-20% cumm patches, 10% hbl repl
partially by bio, 0-10% bio intergrowx w cumm, strong
mag

281-301 mg anthogabbro
65% plag asic-patches, 20% anthopatches, 10% hbl
suboph clots, 5% bio segs, graph mt schinds, esp
281-285
3% strong mag sulf for intv, dissem strong mag po, cp
281-285 have 10% sulfides

301-315 cg cumm gabbro, eucrite
65% plag lath, 10-20% cumm patches, 0-15% bz-brn
patches-oph, 5-10% hbl oph; loc rextz, but shows
orig igneous text generally
tr sulfides

315-374 fg cumm gabbro
65% asic plag patches, 25% cumm → chl loc as
patches, 10% hbl suboph-fg, loc rextz, loc eucritic
358-366; 345-347; 349-350.5 fmg talc; 347-348
calcite w qtz - euhedral qtz xtls growing in vugs in the qtz
vn, also mc after py, hbl alt

374-407.5 m-cg eucritic gabbro (loc fg)
60% plag patch-asic, 15-20% cumm (loc chl), 15% bz
1/4-1/8" ophitic, 10% hbl aug suboph < 1/16", loc rextz, bz
alt to cumm, [illegible]

5-76

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-76
Logged by H.M.Paylor
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,2,0,5	1,4,0,3	2,4,2,3	9,0	

Depth (1"=40') | % Sulfide (visual): 20 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
374-407.5 cont'd: 2% sulfides - scattered blebs,	1,2,2,0,5	1,4,0,3									
strong mag cp as blebs in po											
407.5-430 m-cg cumm gabbro											
similar to above but br alt to cumm; 60% plag as-											
patches, 30% cumm patches → chl, 10% bt-(aug loc) sub-											
oph,											
430-431 gneiss inds											
plag, bio, qtz, round porphyroblasts of plag, epigranular											
tex											
431-444.6 mav sulfides			431.10	436.10		1.91	0.281	0.018			
85%: mg po, minor cp blebs, seps, top and bottom			436.10	445.10		1.56	0.461	0.014			
strongly mag middle weak-non mag; minor plag, qtz, bio											
peg inds, gneiss as above (inds), also bio cumm											
inds (pegmatized gabbro?), mg nonominerals qtz,											
gar, chl, acls											
444.6-449 Hybrid Zone											
gneiss as above and plag, bio, gar, qtz? fg diorite-											
Swirld - could also be called a gneiss											
449-455 schist											
plag bio musc chl graph; plag qtz porphyro segs											
45-60° dip - crenulation fol.											

5-77

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12295	1450	2447	90	

Deposit Area 5
Drill Hole 5-77
Logged by H.M. Parker
Date 1973
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Depth (1"=40')	20 400 600 800 % Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-113 overburden - glacial till	12295	1450									
		AX Core Below											
	drill	113-136 f-m g cummgabbro, peg, schinels											
		80% gabbro 150% plag, 30% cumm, 0-10% hbl, 10% bio,											
		loc to 50% repl amphiboles, gabbro is "contaminated"											
		10% peg, 10% schinels											
		(113-117.7 only 2' of core recovered)											
		126-146 schist incls			13610	14610		0:1:01	0:1:01	0:1:0.2			
		plag, bio, qtz, loc graph, mt, pseudosilh, marbled tex,											
		few peg segs											
		5% sulfides - dissem? Some mc mixed in?											
		146-188 f-m g cummgabbro, peg vns, schinels			16715	16915		0:3.41	0:1.71				
		70% gabbro; 60-65% plag, asic bundles, 15% cumm											
		patches, 15% hbl small xtls, segs, 5% bio, loc higher			17915	18310		0:3.71	0:4.41				
		diffuse tex; 20% peg vns, 10% schinds											
113		168-170 15% strong mag sulf vns assoc w schinels											
		180-183 5% strong mag sulf segs assoc w sch											
13-188	025	incls, high musco here, cp as segs											
136		188-216 m g cumm gabbro (gen eucrite)											
		50% plag asic, 15-25% cumm, 0-10% bz, 10% hbl-											
146		aug, loc sch incls, loc rare tz - patchy tex, 20% broken											
		hbl ale											
		216-233 f-g cummgabbro, schist incls											
		85-90% gabbro related to intr's above and below; 50%											
		plag, 40% cumm as patchy sheafs, 10% hbl; 10-15%											
188		sch incls; graph mt type											
		1% sulfide blebs, vns, strong mag											
188-216	022	hbl ale											
		233-249 m-cg eucrite cumm gabbro, peg			23510	24210		0:2.31	0:2.41				
216		60% plag lathy, 15% cumm, 10% aug, 15% bz, mafics			24210	24910		0:2.91	0:2.11	0:1:0.3			
216-233	025	are inst, loc hbl alt, 2' ksp peg at bottom; 20%											
233		peg matite for intr											
233-249	022	5-10% sulfides, blebs, loc rns w gar, peg assoc.											
249		strong mag cp in po, loc py on peg vn, frac surf											
		249-268 m-cg sulfides			24910	25410		2:0.71	1:0.21	0:1.9			
249-268	05	95%, mg po, gen strong mag, cp as blebs, segs,			25410	25910		2:0.81	0:9.81	0:1:6			
268		chl, gar, plag incls			25910	26410		2:1.51	0:8.81	0:1:1.7			
					26410	26815		1:9.71	0:7.21	0:1:7	1.925	2:0:7	0:9.1
268-298	022	268-298 mg eucrite			26815	28815		0:0.91	0:1.31	0:0:0.8			
		60% asic plag laths, 15% bz poik-oph, 0-10% cumm			28815	30312		0:2.21	0:1.11	0:0:2.0			
298	1												

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-77
Logged by: H.M. Parker
Date: 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12295	1450	2447	90	

Depth (1" = 40') | % Sulfide (visual) 20 40 60 80 100

Depth	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
298	268-298 cont'd: 2% sulfides, scattered blebs, segs, vns, strong mag po, cp as segs	12295	1450									
298-310 025	peg, msv sulf, gab incls											
310	fg cumm gab											
310-325 021	298-310 pegmatite, msv sulfides, gabbro inds			3032	3082		2.12	0.74	0.16			
325	predominately ksp peg w 10% gabbro incls toward top			3082	3275		0.05	0.11				
325-384 025	303-308 msv sulfides, near vert fracs, fg strong to mod mag po, cp as small segs, blebs											
carb alt 360	310-325 fg cumm gabbro											
loc carb vns	60% plag, 30% lt gra cumm (loc antho), 5% hbl tiny clots, 5-10% bio tiny flakes, 5% sch incls, 5% peg											
384	1% sulfide blebs, strong mag											
384-425 05	325-360 pegmatite, gabbro, sch incls			3275	3295		0.30	0.77				
	40% peg, 30% mg assimilated gabbro, where fresh: (348-351): 65% plag - patchy but igneous text, 25% cumm, 10% hbl aug, 5% bio; 30% schist incls; 356-360 have chl-carb alt			3295	3395		0.04	0.08				
425.5	5% sulfides, mostly cp to 329											
425-~~425~~ 73 025	360-384 fg cumm gabbro pegmatite			3740	3840		0.03	0.12				
	80% gabbro, loc f-mg; 60% plag patches 30% cumm, some lt brn bz?, 10% hbl clots, loc 1/8" carb vns 20% peg											
Footwall 472.8												
473-495 03	384-425.5 msv sulfides			3840	3890		1.97	0.55	0.18			
avg fol.	90-95%, f, mg weak-mod mag variable po, cp as segs, blebs, loc 2" sch incls, usual gar, chl incls			3890	3940		1.54	0.73	0.13			
495				3940	3990		1.92	0.64	0.16			
bottom				3990	4040		2.04	0.77	0.17			
	425.5-472.8 fmg cumm gabbro, pegmatite, qtz vns			4040	4090		2.04	0.69	0.18			
	85% gabbro, rextz, diffuse text, possible hybrid zone; 65% plag, 25% cumm, loc antho, 10% hbl, loc 10% bio; 15% peg and quartz vns			4090	4140		1.85	0.76	0.16			
				4140	4190		1.97	0.74	0.16			
				4190	4250		1.59	0.84	0.17	4.10	1.82	0.72 0.16
	472.8-495 schist											
	plag, chl (bio), gar; loc pseudosilli; 20° avg fol - contorted, Have 2' of fg cumm bio gabbro hybrid in bottom of hole											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-78
Logged by H. M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,4,0,3	1,5,0,1	2,4,4,3	9,0	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0- 130.6 overburden - glacial till	1,2,4,0,3	1,5,0,1									
AX Core Below											
130.6 - 132 lost											
132 - 191 mg cumm gabbro (loc cumulate)			1,3,2,10	1,3,7,10		0:0,2,8	0:0,1,4				
65% plag laths - patches (40-50% loc), 25% cumm,			1,3,7,10	1,4,7,10		0:0,8,18	0:0,1,0,17	0:0,1,3		1:3,16	
loc bz, 10% hbl clots intergrown w cumm, loc 5%			1,4,7,10	1,6,5,10		0:0,6,10	0:0,8,15	0:0,1,1		0:7,17	
bio segs (163-173), few loc fg zones, general igneous											
text, 175-188 carb-hblalt 50% hbl, 50% plag +											
wh. clay; 5% schincls; minor K-spar pegmas											
5-10% sulfides in equigranular mafic gab 132-137											
apas blebs in po, po as 1/8" strong mag blebs,											
1% sulfides in rest of mtx - scattered blebs assoc											
w schincls, strong mag											
191-206 schistincls, pegmatite			1,9,2,5	1,9,8,5		0:2,2,1	0:3,4,1	0:0,1			
Schist: chl, plag, bio, loc gar, qtz, musc, 20% ksp peg			1,9,8,5	2,0,6,10		1:4,0,1	0:5,9,1	0:0,9			
20% sulfides vns, segs, loc dissem, f-mg strong mag po, cp as segs											
206-286.5 fg cumm gabbro (loc f-mg), schincls, peg 50% plag patches, 35% tabose cumm, 10% ohbl clots, loc segs - opx, 0-5% bio segs; 25% schincls: nf graph chl as above, 10% ksp pegs (few plag pegs)			2,0,6,10	2,1,9,10		0:1,4,15	0:0,9,13	0:0,1,8		1:9,13	
			2,1,9,10	2,3,0,10		0:0,6,10	0:0,3,18	0:0,0,9		0:5,17	
			2,3,0,10	2,4,3,10		0:0,5,12	0:0,9,18	0:0,1,1		0:6,18	
			2,4,3,6	2,4,6,10		0:5,4,1	0:1,9,1	0:0,4,			
206-256 1-2% sulfides, blebs, segs, loc mar-			2,4,6,10	2,5,6,10		0:0,8,1	0:2,2,1	0:0,0,3			
castite strong mag po, cp as segs			2,5,6,10	2,6,1,10		0:5,3,1	0:5,2,1	0:0,4			
256-273 10-15% sulfides in schincls - strong mag			2,6,1,10	2,6,3,10		0:1,2,1	0:2,0,1	0:0,0,8			
			2,6,3,10	2,7,3,10		0:8,6,1	0:2,2,1	0:0,7			
			2,7,3,10	2,9,0,10		0:1,3,1	0:1,6,1	0:0,0,4			
286.5-296 mg cumm gabbro, pegmatite			2,9,0,10	2,9,6,10		0:5,4,1	0:1,0,1	0:0,0,5			
75% gabbro: 60-65% plag patches, 25-30% cumm patches, loc talc, 10% hbl clots and intergrowths, 0-5% bio segs; 25% ksp type peg											
5-10% sulfide veins, dissem, strong mag f-mg po, cp as segs											
296-314.5 msv sulfides			2,9,6,10	3,0,1,10		2:0,2,1	0:8,6,1	0:1,9			
95%, m-cg mod mag po, cp as blebs, few segs chl			3,0,1,10	3,0,6,10		2:0,4,1	0:8,5,1	0:1,8			
gar incls, loc qtz vns, garnetiferous gabbro incls			3,0,6,10	3,1,1,10		1:7,9,1	0:6,3,1	0:1,6			
			3,1,1,10	3,1,6,10		1:7,1,1	0:6,5,1	0:1,5			
314.5-322.5 fg gabbro			3,1,6,10	3,2,2,5		0:4,4,1	0:2,8,1	0:0,4			

carb-hbl alt | lost | mg cumm gab | schincls, peg | fg cumm gab, peg, sch incls | mg cumm gab, peg

130.6 | 132 | 191 | 206 | 286.5 | 296

5-131 01

31-191 021

91-296 025

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-78
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,4,0,3	1,5,0,1	2,4,4,3	9,0	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S		Deposit
296			1,2,4,0,3	1,5,0,1										
	msv sulf	314.5-322.5 cont'd: 10% hblclots, 0-10% bio												
314.5		10% sulfide vns, segs, mod mag f-mg po, cp												
	fg gab	as segs												
322.5														
	msv sulf	322.5-359 msv sulfides			3,2,2,15	3,2,8,10		2:0,6	0:8,2	01:2,0				
		95% mod mag m, loc cg po, cp as blebs, segs,			3,2,8,10	3,3,3,10		1:9,8	0:7,7	01:1,7				
		chl inels, loc fg gab as above and below, loc			3,3,3,10	3,3,8,10		2:1,0	0:8,8	01:1,8				
		sulfides are tarnished			3,3,8,10	3,4,3,10		2:0,9	0:8,5	01:1,8				
					3,4,3,10	3,4,8,10		2:0,7	0:8,8	01:2,0				
359		359-395 fg antho gabbro			3,4,8,10	3,5,3,10		1:9,7	0:8,0	01:1,8				
	fg antho gab	60-65% plag poikilitic, 25-30% antho sheafs, minor	1,1,3:5,4	4,6:5,2	3,5,3,0	3,6,0,10		1:5,0	0:6,2	01:1,4	6,4	1:7,7	0:7,3	
		cumm 10% hblclots v fg, loc 5% bio segs			3,6,0,10	3,7,0,10		0:7,5	1:2,2	01:0,7				
		15-20% sulfides, scattered blebs, segs, vns, weak-mod			3,7,0,10	3,8,0,10		0:7,2	1:1,8	01:0,6	4,1,6	0:9,2	0:7,3	
		mag f-mg po, cp as segs, some 1"			3,8,0,10	3,9,0,10		1:0,0	0:2,4	01:1,0				
395'					3,9,0,10	4,0,0,10		1:1,5	0:3,4	01:1,0				
395	mg? pd	395-401.5 mg? peridotite	1,5,5:7,4	8,0:1,6	4,0,0,10	4,0,6,10		1:0,0	0:6,4	01:0,8	1,1,0	1:4,1	0:7,3	
401.5		80% hbl, 0-20% antho, 10-20% bio			4,0,6,10	4,1,1,0		0:0,8	0:1,0					
	peg, gab. inels	25-5% sulfide segs, blebs, cpas segs, pois												
		f-mg, weak-med mag												
		401.5-443 pegmatite, gabbro incls			4,1,1,0	4,2,8,5		0:0,5	0:0,5					
443	mg cumm gab, peg	70% pegmatite (ksp, bio, chl, plag, qtz, loc abundant			4,2,8,5	4,3,9,5		0:2,9	0:1,6					
carb vn →		mu sc): 30% f, mg g gabbro incls (55-60% plag, 10-20%			4,3,9,5	4,4,4,0		0:1,0	0:1,1					
hbl-chl alt →		bio, 40% felsic after cumm?												
		3% sulfides, vns, segs, strong mag, cpas segs												
477'	Footwall 477	443-477 mg gabbro, pegmatite												
		50% gabbro (65% plag and 26% cumm as patches 5-10%												
	sch	hbl clots, 10% bio segs, mafics alt to bio loc, loc sch												
477-487	03	incls (plag-bio), 50% pegmatite; 447 loc carb												
487	bottom	vn and carb impregnation of ore, 453 chl-hbl alt												
		477-487 schist												
		plag, chl, bio, qtz w/ peg vns, segs common, loc mt												
		too poorly fol to measure												

196-315 05
315-323 021
323-359 05
359-395 023
395-477 025
477-487 03

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-79
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12395	1357	2479	90	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	AU	Deposit
0	0-136 overburden - glacial till	12395	1357										
	Ax Core Below												
	136-289 f,mg cumm gabbro			20.10	21.00		0.047	0.059	0.019		1.70		
	mixed rextz lays every 2'-8' : 60% plag asic patches			21.00	22.00		0.056	0.039	0.014		1.17		
	25% cumm patches, 15% hbl oph clots, loc antho, 5%			22.00	23.50		0.100	0.124	0.019		2.03		
	bio, bz from 269-279, 5% sch incls - graph mt type,												
5-136 01	5% ksp, plag, bio, chl, qtz musc peg; 136-146 broken,			25.00	25.30		1.46	0.28	0.19				
	some gouge, qtz vns, carb-hbl alt, wh clay alt of plag;												
	166-170, 188-201 chl, calcite, fracturing			26.20	27.20		0.041	0.025	0.011		0.82		
till	1% sulfides to 270, scattered vns, blebs, segs												
	in sch incls, strong mag; 250-253 msv sulfin,												
	strong mag, cp as segs												
	3' coreloss in 136-146												
	289-344 pegmatite, gabbro, schist inclusions			30.30	30.80		0.10	0.14					
	50% peg: ksp, plag, qtz, bio, musc; 45% f,mg gabbro,			30.80	31.15		1.08	0.52					
	mg from 320, fg above: 55-60% plag and 25% cumm			31.15	31.65		0.06	0.13					
	as patches, loc bz, 5-10% hbl, oxides clots, 10%												
	bio segs (loc 20%; 5% sch incls: mt-graph type,			34.25	34.75		0.01	0.12					
136 gouge, qtz vns, carb-hbl alt	loc plag, chl, bio type; hbl alt at 343-344												
	1% sulfides except: 303-315 5% sulfide vns, dissem,												
	blebs, cp as segs, strong mag po												
36-289 021													
chl, calcite fracs	344-360 f,mg gabbro, pegmatite			34.75	36.60		0.45	0.34	0.03				
	85% gabbro: 60% plag laths/patches and 25% cumm			35.60	36.00		1.02	0.66					
	as patches, 10-15% hbl clots, loc oph segs, loc bio			36.00	36.50		1.90	1.06	0.20			0.05 (SUDBURY)	
	near peg; 15% ksp, bio, plag, qtz peg	26.39	13.68	36.50	37.20		1.83	0.82	0.16	1.6	1.65	0.86	
chl calcite fracs	10% sulfide vns, blebs, mod mag f-mg po, cp as												
	segs, high cp.												
	360-372 msv sulfides												
	90%, f-mg mod-weak mag po, cp segs, plag, chl									2.21	0.70	0.35	
	incls, loc gar-gabbro incls, peg vnlts												
	372-394 fg anthogabbro			37.20	37.65	4.5	0.81	0.38	0.07				
	65% plag and 20% antho (minor cumm) as patches			37.65	38.70	10.5	0.12	0.40	0.008				
	15% hbl clots, 0-5% bio segs/flakes, loc higher bio	41.795	21.41	38.70	39.40	7.0	1.50	0.26	0.09	3.8	1.10	0.56	
	near peg; 10% ksp peg vns					26.0							
	10% sulfides, vns, segs, f-mg strong mag po, cp						.7						
	as segs												
289	394-402.5 mg peridotite?			39.40	39.90		0.05	0.13	0.005				
	85% chl after cumm, 15% hbl - vague outlined												

5-79

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,239.5	1,357	2,471.9	90	

Deposit Area 5
Drill Hole 5-79
Logged by H.M. Parker
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289-360 025

360-372 05

372-394 023

394-410 025

410-439 04

439-456 03

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
			5	10	15	20		25	30	35	40	45	70 80
289		402.5-410 fmg hbl gabbro	1,239.5	1,357									
peg, fmg-cmg gab, schinds		hblalt, loc carb vnlts; 65% plag and 25% hbl as patches, 10% bio segs; pd at bottom: 60% chl, 15% bio, 10% talc, 15% plag as anorth segs											
		410-439 pegmatite											
hblalt 344		ksp, plag, qtz bio, musc, loc chl peg; 10% bio gab, schinds loc 60° carb vnlts											
fmg-cmg gab peg		fr sulfide vnlts											
360		439-455.7 schist											
msv sulf 372		plag, chl, bio, psuedosilli; qtz; loc gar; pervasive plag-qtz pegmatitic segs, loc mt											
fg anhbo gab		fr sulfides											
394													
mg pd? 402.5													
fmg hbl-alt gab 410													
peg													
Footwall? 439													
Sch													
455.7 bottom													

5-80

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12,565	1,406	2,495	90	

Deposit Area 5
Drill Hole 5-80
Logged by H. M. Parker
Date 1972
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Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
		0-116.0 overburden - glacial till	12,565	1,406									
		Ax Core Below											
-116	01	116-144 gneiss plag, chl-bio, qtz, graph; some yell grn brucite?; highly porphroblastic plag, qtz / graph segs, orig fol 20-30°? 130-140 fol amphib 60° - hbl, bio, plag (most of core lost)											
		144-149 rfg gabbro dike 70% plag, 15% cumm? 10% hbl, <5% bio, slightly mag											
		149-156 pegmatite, gneiss 65% plag qtz chl peg; 35% plag, chl, musc, qtz gn											
16-144	09	156-196 fg gabbro, pegmatite, sch incls near fracture zone? gabbro (80%) alt to chl-bio-sericite, 10% peg, 10% sch incls as above											
44-156	04	196-208 altered pegmatitic gneiss plag-musc, chl, bio, w minor qtz in vugs, plag alt to wh clay minerals, crumbly core - near fracture zone or within it?											
156-234	025	208-223.5 fmg alt gabbro, pegmatite near fracture zone or within it; 60% gabbro: 60% plag → clay, 35% cumm → chl, 5% bio; 40% peg: plag → clay, qtz, blk bio											
		223.5-227 alt mg gabbro as below but with hbl alt, 15% peg											
234-247	021	227-234 mg cumm gabbro (eucritic?) 60% plag asic laths, 10% cumm, bz?, 15% avg-hbl oph, <3% bio, 15-20% chl (serp?) after cumm - brighter grn; Harriman type gabbro - good igneous text.											
247-271	04	234-247 f-mg cumm gabbro gradational contact above, 65% plag asic, 25% cumm, 10-15% hbl, loc rextz tex, loc fg bio diorite incls, loc grains of, pe, >> cp											
271-281	025	247-261 fg alt gabbro, pegmatite											
281-300	024												

Depth (1" = 40') scale: 116.0, 144, 149, 156, 196, 208, 223.5, 227, 234, 247, 261, 271, 274, 281, 300

Fracture Zone

Hanging Wall?

sheared orig fol? amphib fol.

gn

rfg gabbro dike

peg, gn

alt

fg gab, peg, sch incls

clay alt

alt peg gn

clay-cumm alt

fmg alt gab, peg

hbl alt

alt gab

mg cumm gab (eucr)

fmg cumm gab

fg alt gab peg

clay alt

alt gab, peg

fmg eucrite

fg gab, sch

mg cumm gab, sch-gn incls, peg hybrid zone

5-80

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				1,2,5,6,5	1,4,0,6	2,4,9,5	9,0	
	5		10	15	20	25	30	35

Deposit Area 5
Drill Hole 5-80
Logged by H.M. Parker
Date 1972
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Depth (1" = 40')	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
300	247-261 cont'd: 60% gabbro as above w plag alt to clay, 40% k sp, plag, chl-musc, (qtz) peg – broken up core, shear zone	1,2,5,6,5	1,4,0,6									
310	(256-261 lost also 2' loss 248.1-252.0)											
317	261-271 f-mg eucrite											
321	60% asic plag partly repl, 30% cumm (10%) and bz (20%)											
327	10-15% aug 1/8" xtls; loc rext z tex; loc gneissic incls											
342	271-274 pegmatitic gneiss											
353.5	plag, bio; porphroblastic text. loc chl, qtz											
361	1% py (marcasite?), po blebs											
382	274-281 fg gabbro, digested sch			2,7,3,0	2,7,8,5		0.1,1,6	0.0,5,4	0.0,1,9		1.8,9	
390	gabbro: 65% plag, 20% cumm, 10% hbl, loc 10% bio; gabbro is alt slightly			2,7,8,5	2,8,1,5		0.0,3,0	2.6,5				
393	279-281 5-10% cp, minor po											
420	281-300 mg cummgabbro, sch-gn incls, pegmatite hybrid zone			2,8,5,0	2,8,8,0		0.3,2,9	0.2,1,3	0.0,4,0		5.9,7	
432	60% gabbro: 60% plag, cummbite-asic (loc 40%), 25% cumm, 15% aug-hbl, mostly 15% bio, loc cg; 30% sch-gneiss incls; 10% pegmatite											
	285-288 10% sulfides, mcg po, strong mag; also po, >>> cp vns assoc w sch incls											
	300-310 gneiss?			3,0,0,0	3,0,5,0		0.1,4	0.2,2				
	plag, bio, chl w plag bio porphroblasts, 305-310; po, cp vns, cp blebs, strong mag 15% sulfides			3,0,5,0	3,0,9,5		0.9,2	0.2,8	0.0,8			
	310-317 msv sulfides			3,0,9,5	3,1,7,0		1.9,9	0.7,4	0.1,2			
	95%, mod-strong mag mg po, cp as blebs, vns											
	317-321 diorite			3,1,7,0	3,2,2,5		0.5,0	0.3,9	0.0,5			
	50% bio (hbl?), 50% plag, sugary text.											
	10-15% vns of po, cp, strong mag po, cp as segs											
	321-327 pegmatitic-gneiss			3,2,2,5	3,2,8,0		0.2,7	0.1,4	0.0,2			
	plag, bio, musco-"silli", qtz; 0-60° fol											
	327-342 gneiss											
	plag, silli, bio, qtz, (chl); plag-qtz porphroblasts, silli not alt? vert. fol											

300-310 09 — 310 05 Footwall? — 310-317 — 317-327 04 — 327-342 09 vert. fol — 342-354 04 — 353.5 fol — 354-361 08 — 361-382 09 contorted — 382-432 09 loc fol. — 420 contorted — 432 bottom

5-80

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-80
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				12565 14065	2495	70	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
342-353.5 pegmatite ksp, ? plag, musc, qtz, mg @ bottom										
353.5-361 amphibolite, gneissic peg 70% amphib plag, hbl sch; 30% peg; 60° fol to amphibolite, and peg too(?) (353.2-355 1' loss)										
361-382 gneiss plag, bio, sill, musc (chl) qtz gneiss, contorted										
382-390 pegmatite - gneiss plag ?, bio, qtz, some is greenish, some gneissic plag porphyroblasts in bio										
390-393 schist - gneiss plag, chl, bio; plag qtz porphyroblasts; chloritic zones after amphib?										
393-420 gneiss plag, bio, qtz; decussate tex; loc 50° fol; loc amphib										
420-432 gneiss plag bio-chl, gar, qtz; loc graph; plag qtz porphyroblasts, contorted, loc vfg amphibole										

5-81

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12564	1306	2495	90	

Deposit Area 5
Drill Hole 5-81
Logged by H.M. Parker
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Page 1 of 2

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-100 glacial till - overburden	12564	1306								
		AX Core Below										
5-100 01	till	100-113.8 Schist-gneiss plag, bio-chl, qtz, musc; plag porphroblasts, gen alt to sericite, crenulations in sch lays, loc graph but gen rare, core locally broken up, some epi, esp. near fracs and porphroblasts; 0-40° fol, avg 25-30°										
		113.8-156 gneiss similar to above but much more porphroblastic, even mg pegmatitic; chl alt to epidote loc, plag alt to sericite variable fol. 0-90°, loc broken core, loc schistose 125-128 50% core loss, sch alt to grn clay										
100 avg fol. loc broken 113.8	gn	156-167.5 gneiss plag, chl, bio, qtz; more schistose but similar to above, some epi, sericite of plag?, biotite? contorted fol 0-90° variable										
loc broken alt variable fol	gn											
100-200 09		167.5-200 granitized gneiss plag alt to sericite, bio-chl, qtz; small 1/4" plag porphroblasts, loc graph, py; bottom 6' more chl-musc, less plag; contains 2' dikes of fg gabbro: 65% plag, 20-25% hbl, 10-15% bio, tr po blebs, weak mag; also peg vns in lower part of intv										
156 variable fol 167.5	gn											
	granitized gn											
Hanging Wall 200		200-222 f-mg avg-hbl gabbro 65% plag asic/patch, 20% avg-hbl, 15% cumm, tr bio										
	fmg avg-hbl gab											
222 fracs 241	alt gab	222-241 alt gabbro as above but broken and altered; plag → wh clay, amph alt to chl, hbl, some sch inds (tr py), clay coating of fracs which dip 70-80°, few 2" qtz vns										
200-300 021	mg cumm gab, sch inds	241-278 mg cumm gabbro, sch inds 50% asic plag, 15-20% hbl-avg 1/4" oikocrysts, 30% cumm patches, gar, bio where sch assimilated 244-257 chl-bio-graph sch gn inds; plag porphroblasts, gabbro shows 5" chilled contact, sch has vugs w py (marcasite?) fillings - secondary?										
marcasite, py vugs 278 281.5	fg cumm gab											
	fmg cumm gab											
300		278-281.5 fg cumm gabbro										

5-81

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-81
Logged by: H.M. Parker
Date: 1972
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12564	1306	2495	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

300-314 025 breccia
marcasite alt
314 — 024
314-330 footwall
contorted
330-356 09
vert fol.

300 fg gabbro
312 peg
314 mrsulf
hybrid
diorite
330 peg, gn
337 gn
345 peg
349 amphib
350 decuss. gn
356 bottom

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
278-281.5 cont'd: 65% plag, asic-stubby, 20% cumm, 15% ang, tr po blebs	12564	1306									
281.5-300 fmg cumm gabbro variable composition and text (varying amounts of rex/z) in general: 60% plag, 25% cumm, 15% hbl-aug, tr-3% bio; loc more mafic, loc schists, plag (sericite), bio (chl), qtz, rutile? (prob. Tourm?); loc peg											
300-312 fg gabbro breccia zone, pegmatite 50% gabbro alt to wh clay, chl, epi; mixed w 50% peg; feldspars alt lt yellow; bio alt to chl.			3960	3120		0.0015	0.031	0.005			
			3120	3150		1.281	0.731	0.111			
			3150	3230		0.261	0.311	0.02			
			3230	3330		0.091	0.101	0.007			
312-314 msv and stringer sulfides in peg-gneiss peg-gneiss: plag?, qtz, gar; plag is alt grn-montmorillonite? Strongly mag po alt to dk grn marcasite? or py, cp not alt, occurs as small blebs, crosscutting veins.											
314-320 diorite-hybrid zone bio hbl plag diorite, 20% peg, peg-gn 5% sulfide vns, alt as above											
320-337 pegmatite, gneiss 50% plag, bio, (qtz) gneiss, 50% peg; some fg diorite zones, contorted, tr py blebs 337 2" seam of po veined by marcasite or py, - vugs between po and marcasite due to density change?											
337-345 gneiss plag, chl (bio) qtz; lt grn alt of plag loc											
345-349 pegmatite qtz, sericite, plag											
349-350 amphibolite hbl, bio, plag; porphyroblastic, 90° fol											
350-356 plag, bio, qtz decussate gneiss											

5-82

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-82
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,0,9,7	1,3,5,6	2,3,8,5	9,0	

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-88 overburden - glacial till	1,2,0,9,7	1,3,5,6									
		AX Core Below											
		88-193 f-mg cumm gabbro, pegmatite											
88	till	80% gabbro: 60% plag and 20% cumm as patches, 10% hbl chls, 10-15% bio segs, more bio near pegs; 20% pegs as 3" vns of ksp, plag, qtz, bio, musc											
		193-242 schist inels, pegmatite, fg cumm gabbro			19,4 10	20,4 10		0:0,41	0:1,41				
		50% schist inels: plag bio mt graph, loc chl-psuedosilli type, loc qtz vns; 25% peg as above, 25% gabbro: 50-60% plag and 30-35% cumm as patches, 10% hbl chls - some segs, 0-5% bio			20,4 0	21,6 10		0:0,41	0:1,41				
					21,6 10	23,6 10		0:0,1 1	0:0,21				
		5% dissem sulfide blebs, loc 1" vns, strong magpo, v little cp, as segs											
193	fg cumm gab, peg	242-273 fg cumm gabbro (loc rextz mg)			24,2 10	25,2 10		0:0,31	0:0,51				
38-193 025		45% plag and 20-25% cumm as patches, 5-10% hbl chls, 5% bio segs; 10% sch inels of mt graph type - loc chl			25,2 0	26,3 10		0:0,312	0:0,417	0:0,1 1		1:3:4	
		3% sulfides, assoc w sch inels, strong mag?, cp segs											
		273-319 mg uscrite gabbro			29,1 10	29,8 10		0:0,517	0:0,310	0:0,11		0:619	
		50% plag laths, 15% bz (loc 25%) oph to poik, 25% cumm patches, loc 100%, 10%-15% hbl aug oph; loc sch inels			29,8 10	31,0 15		0:0,91	0:0,91				
					31,0 15	31,3 15		0:0,610	0:0,510	0:0,1,1		0:55	
		1% sulfides to 291 - occas blebs, mod mag											
		3-5% sulfides 291-310 blebs, some cp segs											
		1% sulfides 310-319											
193	sch inels, peg, fg cumm gab	319-335 mg anth gabbro			31,9 15	33,1 10		0:1,01	0:0,91	0:0,1			
		65% plag patches, laths, 20-25% anth patches, 5% hbl clots; 5-10% bio segs; loc sch inels			33,1 11	35,1 10		0:0,31	0:0,61				
93-242 025		5% dissem sulfides, segs, strong mag, cp as segs; sch inels assoc											
242	fg cumm gab	335-403 f,mg gabbro			35,3 0	36,6 10		0:0,88	0:0,615	0:0,1,4		1:9:8	
		65% plag, 20-25% cumm/anth, 0-10% hbl (little where anth pres), 5% bio segs, various text but gen rextz; 5% loc pegs, <5% loc sch inels of mt graph type			36,6 10	37,4 10		0:0,216	0:0,317	0:0,1,0		0:3:6	
242-273 021					37,4 10	38,4 10		0:1,114	0:0,718	0:0,1,7		2:0:4	
		2% sulfide blebs, segs, cp assoc w sch inels											
273		40% from 384											
		403-499 msv sulfide, f mg gabbro, pegmatite			40,3 10	41,2 15	9.5	1:8,21	0:7,71	0:1,4			
		50% sulfides, mxg po, stray mag to 412, weak to mod mag below, cp as segs, some up to 2"; 25% gabbro; 65% plag			41,2 15	41,8 0	5.5	0:0,41	0:2,81	0:0,1			
					41,8 10	42,3 10	2.1	1:7,51	1:5,21	0:1,6	2,0 10	1:3,11	0:8,2 0:1,1

5-82

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1209.7	1356	2385	96	

Deposit Area 5
Drill Hole 5-82
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Depth (1"=40') — % Sulfide (visual): 20 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
403-449 cont'd: 25% cumm, 0-10% hbl, 0-10% bio; loc carb-hbl alt 413-415; 25% pegs: ksp, qtz, bio, plag?; few loc schists. The sulfides generally are only in msv vns: 404-413, 418-423, 442-448	1209.7	1356	423 10	442 10		0.34	0.34	0.04			
449-475 mg cumm gabbro (loc fg) 60-65% plag, and 20-30% cumm as patches, 5% hbl clots, 5-15% bio segs; mixed textures, rextz, loc qtz vns. Plo sulfides as loc blebs, vns, mod-strong mag; 466 light silvery mineral assoc w qtz vn - gersdorffite?			442 10	447 15		1.69	0.87	0.14			
475-494 pegmatite plag, qtz, ba, musc, ksp?, loc plag, chl, bio sch w plag, qtz segs			447 15	457 15		0.06	0.04	0.008			
494-521 sch-gneiss plag bio chl, marbled & ex, highly changed by peg nearby?											

273		
273-319	022	mg euer. gab
319		
319-335	023	mg anhbo gab
335		
335-403	021	f,mg gab
403		
403-449	04	msv sulf, carb hbl alt → f,mg gab, peg
449		
449-475	021	mg cumm gab
Footwall 475		
475-494	04	peg
494		
494-521	03	sch-gn
521		bottom

5-83

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-83
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12294	1252	2445	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-118 overburden - glacial till	12294	1252									
		AXCore Below											
		118-162.5 schist											
0-118	01	plag, bio, chl, qtz, musc (pseudosilli); loc mt-graph gar, plag qtz musc segs, contorted fol 45° avg?											
		1% sulfide blebs, dissem, weak mag											
		162.5-235 f-mg gabbro, pegmatite, schist incls											
		80% gabbro: 60% plag asic/patches, 25-30% dk grn cumm (hbl?), 10% hbl-blk, opk segs loc, 5% bio segs; 204-208 is eucritic; 15% of intr is peg dikes, loc brotitic; 5% bio sch incls											
		tr sulfide assoc w sch incls											
		235-299 fg cumm gabbro (loc mg nexite)			2,8,0	2,8,6		0.0213	0.0313	01.013		3.019	
118		50-60% plag patches, 30-40% cumm, 10% hbl, some blk bio, 5% brn bio segs, 10% peg, loc sch incls (5%) bio, mt-graph											
118-163	03 avg fol	tr sulfide in sch incls											
		299-368.5 fg bio gabbro, pegmatite, sch incls			3,1,8	3,2,6		0.80	0.34	01.06			
Hanging Wall 162.5		55% fg gabbro: 30% plag, 30% cumm, 30% bio, 10% hbl, granular tex, 40% pegmatite, has bio stringers often - indic a gneissic component?, kap. plag in varying proportions, also musco present; 5% sch incls			3,2,6	3,3,8		0.0,8	0.0,3	01.013		1.31	
					3,6,1	3,6,4		0.43	0.88				
163-235	025	2% sulfides, blebs, vns, mod mag 299-318, 318-364 strong mag, 364-368.5 weak mag; 318-326 30% sulfides in peg, fg po, cp segs in po; 361-364 20% vns similar to above											
		368.5-386 gneiss											
		plag-bio, loc amphib, marbled peg; 20° avg fol, loc chl											
235		386-476 gneiss and schist, pegmatite											
		50% plag, bio-chl, qtz gneiss and schist - contorted. 50% kap peg, low bio 10-10%; 20-40° fol.											
235-299	025												
299													

5-83

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-83
Logged by H. M. Parker
Date 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No.=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,2,9,4	1,2,5,2	2,4,4,5	90	

Depth (1"=40') | % Sulfide 20 40 60 80 100 (visual) | Description

Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
1,2,2,9,4	1,2,5,2									

299

fg bio gab, peg, schists

299-369 025

Footwall 368.5

369-386 09 amp. fol. gn

386

gn, sch, peg

386-476 03 contorted fol.

476

bottom

5-84

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1,2,3,9,4 / 1,1,5,6	2,3,9,7	9,0	

Deposit Area 5
Drill Hole 5-84
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (20 40 60 80 visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-121.0 overburden - glacial till	1,2,3,9,4 / 1,1,5,6									
		AX Core Below										
till		121.0-196 schist, pegmatite										
0-121	01	80% schist: plag, bio, qtz, gar; some dk talc-serp? too										
		plag-qtz segs, mafic segs, loc minor (pseudosilli?)										
		20% ksp peg w chl-epi; loc mt, tr sulfide, rx is fract										
		ured throughout; poorly fol very contorted; loc fg gabbro										
		likes										
		(131-133.3 2.3', 177-177.3, 3' core loss)										
		196-236 schist										
		plag chl bio qtz pseudosilli; loc graph, py, gar; peg										
		segs w epi, rx is fractured, broken										
		(223-236 10' core loss)										
		236-272 pegmatite										
121.0		ksp, qtz, musc, chl; yellow alt of ksp; loc fracs steep dip,										
		243-247 alt chl plag (gab?) dikes, 240.5 1" bot-										
		rioydal marcasite vn, 270 2" strong mag porn, epas										
	sch, peg	blebs, qtz-chl inds										
		(264.7-265.2 .5' core loss)										
21-196	025 fractured throughout loc gab dikes	272-337 schist										
		plag, chl, hrn musc - fibrolite?, loc mt graph gar,										
		plag qtz segs; few alt amphibolites or gab dikes,										
		not as fractured as units above, loc veys w qtz-py										
		337-377 pegmatite										
196		ksp, qtz bio, some yellow alt of fellspars, minor musc,										
	fractured throughout	loc fractured, broken 361-367: gabbrodike, 65% plag,										
	sch	10-20% bio, 10-30% hbl, rex qtz										
		377-516 gneiss										
196-236	03	plag, bio, qtz; loc chl, poor 30° fol, loc decussate,										
		loc gneissic peg, impure marble 409: plag actinolite,										
	marcasite 236	minor carb?, loc amphibolite, 421-423 calcite qtz vn										
	altgabdike											
	peg	No Assays										
36-272	04											
	pyrrhotite 272											
	↓											

5-84

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,3,9,4	1,1,5,6	2,3,9,7	9,0	

Deposit Access

Drill Hole 5-84

Logged by H.M. Parker

Date 1973

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
272			1,2,3,9,4	1,1,5,6									
		sch											
272-337	03												
337													
337-377	04 loc fractured	peg											
377													
		gn											
377-516	09	marble →											
		qtzrakvn →											
		poor fol.											
516		bottom											

5-85

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-85
Logged by H.M. Parker
Date 1973
Page 1 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11703	1558	2279	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-41.2 overburden - glacial till	11703	1558									
		Ax Core Below											
41.2		41.2-75.3 mg cumm gabbro (loc cg)			44.2	60.0		0.02	0.02	0.01		0.51	
		65% plag lacasic and 25% cumm as patches, 10% aug			60.0	75.0		0.03	0.02	0.01		0.71	
		often w/in plag patches - subophclots, loc 1/4" segs; mt											
		graph schinds; 40° sharp contact below, little bioreaction											
		<1% loc sulfides, cg, esp near aug(?) segs											
75.3		75.3-81 mg pegmatite											
		plag, ksp, qtz, musc, bio; 6" cp-po vn @ 81, strong											
		mag po											
81		81-106 f-mg gabbro			80.5	88.0		0.20	0.50				
		65-70% plag and 25-30% cumm/antho as large patches			88.0	101.0		0.06	0.10				
		5-10% aug clots in both; loc pegvns (106-108 have			101.0	107.0		0.29	0.61				
		ksp plag qtz peg w 5% sulf), loc 5% bio, 108-114											
		qtz-calcite vn, large xtls of calcite, some alt gab											
		hbl-chl?, clay, broken up core @ 108, 114											
		3% sulfides, segs, few blebs, strong mag po, cp											
		as segs, vnlts											
114		114-135 f, mg cumm gabbro, pegmatite			126.0	135.0		0.08	0.04	0.01		1.35	
		65% plag and 25% cumm as patches, 5-10% aug, loc											
		segs, bz, loc 5% bio, fg oxides; 15% peg vns -											
		mg qtz, sericite, loc shear zones 117, 120											
135		135-144 pegmatite											
		ksp, plag qtz, bio, musc; minor gabbro, 139 near											
		vert shear, 45° slicks serp?											
144		144-194 f, mg cumm gabbro			147.5	155.0		0.02	0.01	0.01		0.80	
		65% plag and 25-30% cumm as patches/asic, 5-10% aug											
		suboph-oph, 2% bio; rextz tex			164.0	178.0		0.02	0.02	0.01		0.76	
		loc mt-po stringers, blebs			178.0	186.0		0.02	0.01	0.01		0.65	
194		194-211 m-cg eucritic gabbro											
		60% plag - asic to st patchy, 15% oph aug, 10% bz, 15%											
		cumm (loc chl), bz and cumm are poik, good igneous											
		tex											
		tr sulfide											
211		211-217.5 f, mg gabbro											
		70% plag and 20-25% cumm/antho as patches, 5-10%											

Depth scale: 0 – 41; 41.2 – 75; 75.3 – 81; 81 – 114; 114 – 135; 135 – 144; 144 – 194; 194 – 211; 211 – 232; 232 – 260; 260 – 267; 267 – 278

Depth (1" = 40') / % Sulfide (visual) / Description:

- 0 – 41: 01 — till
- 41.2 – 75: 021 — mg cumm gab
- contact 75.3 – 81: 04 — peg; f-mg gab
- 81 – 114: 021 — 106 loc broken; qtz calcite vn, alt gab; 114 shear zones; f, mg cumm gab, peg
- 114 – 135: 025 — 135 near vert shear, sucks; 144 peg
- 135 – 144: 04 — f, mg cumm gab
- 144 – 194: 021 — 194 m-cg eucritic gab
- 194 – 211: 022 — 211 f-mg gab
- 211 – 232: 025 — 217.5 mg hbl gab, peg; 232 fg antho gab
- 232 – 260: 023 — 259.5 m-cg cumm gab
- 260 – 267: 021 — 267 peg, gab schinds
- 267 – 278: 025 — 278 contact

5-85

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-85
Logged by: H.M. Parker
Date: 1973
Page 2 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11703	1558	2279	90	

Depth (1" = 40') | % Sulfide (visual) 20 40 60 80 100

Depth	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
278	211-217.5 cont'd: aug tiny clots; 10% peg and have	11703	1558								
	30% bio loc in gabbro - peg nearby?										
278-307 023	1-2% fg sulfides										
	217.5-232 mg hbl gabbro, pegmatite										
307	80% hybrid gabbro: 60% plag as patches, 25% hbl/15%										
	bio, 20% ksp plag qtz bio musco peg										
307-351 021	232-259.5 fg antho gabbro		2320	2370		0.11	0.06				
	65% plag, 25% antho, minor cumm, <5% aug, 5-10% bio,		2370	2400		0.97	0.20	0.08			
341	loc oxide segs + graphite w assoc po, 8" of talc chl,		2400	2580		0.17	0.10				
357	cumm pd @ 255, 10% cg ksp peg										
	5% sulfides, strong mag, mostly blebs, loc vns 238-										
	240, cp as segs and vnlts										
	259.5-267 m-cg cumm gabbro										
351-416 021 381	65% plag and 25% cumm as patches, 5% aug-hbl, 10%										
	bio - 1/4" segs, loc 15%, v minor peg, loc anorthosite										
	267-278 cg pegmatite, mg gabbro, sch-st incls										
415.5	60% peg: ksp type; 30% gabbro: 15-20% bio, 15-20%										
416-432 024	hbl-cumm, 55-60% plag; 10% sch incls; 60° contact										
	below(?)										
Footwall serp gab 432	278-307 f, vfg antho gabbro		2780	2880		0.07	0.10				
	70-80% plag, 5-10% aug/ilm?, 15-20% antho, loc		2880	3060		0.12	0.10				
501	peg 5%, graph-mt-po segs		3060	3220		0.055	0.041	0.011		0.77	
	3-5% sulfides (1% vfg in gabbro) for intr, cp										
432-481 03	as occais segs										
	307-341 f, mg cumm gabbro		3400	3510		0.087	0.062	0.016		1.07	
481	60% plag (65% where fg), and 25% cumm (20% where fg)										
	as patches, 10% aug clots, 5% bio, loc rextz, or igneous										
	segs, loc mt-graph-po sch incls, loc hbl-bio hybrid										
	zones										
	rare sulfide blebs										
	341-351 mg eucritic cumm gabbro										
	65% plag lathy, 15% cumm and bz sub oph-oph, 10%										
	aug sub oph-oph, 1-2% oxides										
	2% sulfides - strong mag blebs										
	351-354 msv sulfide vns in f-mg cumm gabbro		3510	3540		1.01	0.20	0.11			
	50% sulfides strong mag, cp as segs		3540	3700		0.038	0.044	0.012		0.75	
	354-381 f, mg gabbro										
	65% plag, and 25% cumm and hbl patches, 5-10% sub oph										

5-85

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-85
Logged by H.M. Parker
Date 1973
Page 3 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11703	1558	2279	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
357-381 cont'd: aug clots, 5-10% bro loc, 10% peg vns, loc mt "sch"? incls; similar to 307-341	11703	1558									
381-415.5 fg gabbro (loc mg rextz. w bio) 65% plag, 25% cumm and antho, 10-15% bio, aug segs, clots 1% sulfides as scattered blebs											
Contact hard to place											
415.5-432 Hybrid Zone, pegmatite fg gabbro and schist, 10% peg; gabbro: 65% plag, 20% cumm, 10-15% bio; schist: plag, bio, qtz, chl? 423.5-425 talc chl pd dike w 10-15% strong mag sulfide blebs; 425 broken zone blk mag serp											
432 serpentinized fg gabbro fg plag 20%, po vns, somalt to mc, or py; 3" calcite vn also											
432-481 schist, gneiss thin bands plag, bio (loc silli) gn, loc hbl chl plag amphibolite 6" zones, loc gar, few hybrid gab dikes near top, most fol 0-10° loc decussate lex											

5-86

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-86
Logged by H.M.Parker
Date 1972
Page 1 of 4

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11806	1409	2336	90	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0	0-64 overburden - glacial till	11806	1409									
	AX Core Below											
0-64 01	till											
	64-118 f, vfg cumm gabbro			7.3	8.3		0.025	0.016	0.013		0.613	
	70% plag and 70% cumm as patches of small xtls, 10% hbl suboph			8.3	9.9		0.023	0.008	0.013		0.45	
	clots, loc 60% plag, 30% cumm, loc digested schincls (plag-graph?)			9.9	11.1		0.010	0.04				
	loc rextz., gen sugary text, loc peg vns 60-70°, carb frac fills											
	2% sulfides; 99-111 scat patches of sulfide stringers fgpo,											
64	cp assoc w schincls probably, strong mag, but may be due to mt											
	118-127 mg hbl gabbro, pegmatite											
4-118 021 carb fracs	gabbro: 60% asic plag, wh repl by clay, 30% hbl alt to chl											
	patches, 10% plate brn bio, a few unalt zones of gab similar											
peg vns	to below, rest alt by carb vns, very little bio incr near pegs											
	peg: mcg; plag, qtz, chl musc; ksp? - none definitely											
	identifiable seen											
118												
118-127 025 carb alt	mg hbl gab peg											
127	127-174 m, m-cg eucrite, loc fg											
	50-60% plag irreg patches, 30-40% cumm/bz patchy-oph,											
m, m-c eucrite	up to 20% bz loc, cumm repl by chl or serp?, 10-15% aug											
127-174 022 fracs	(not hbl) oph, loc plag, qtz, musc peg vns, not much bio											
	reaction in gabbro (may be does not occur when no bio in pegs)											
carb alt →	163-164 altered zone plag → wh clay, mafics → hbl → chl?											
	impregnated carb, loc steep 70-90° fracs											
contacts 174												
174-183 04	cg peg											
183 contacts 183	174-183 cg pegmatite											
	plag, qtz, bio (chl), musc (no ksp seen), hi bio (25%) at bottom											
183-213 025	mg cumm gab, loc eucr											
201 contact 205	peg peg											
	fmg gab											
213												
213-221 04 loc calcite vns 221	cg peg											
221	183-201 mg cumm gabbro, loc eucritic			18.3	19.9		0.01	0.04				
	60-65% plag patches/asic, 20-25% cumm patches loc alt to chl,			19.9	20.5		0.01	0.08				
221-297 021	serp?, loc bz, 10% hbl clots, loc oph segs of aug, loc 5%											
	bio segs, loc schincls at bottom											
	2-3% sulfides (loc 10-15%) strong mag po, cp as inst blebs											
252	loc rounded											
	fmg pd											
266	201-205 m-cg pegmatite											
steep fracs	fg cumm gab											
	ksp?, plag, qtz musc, chl; loc bio; bio reaction in gab-											
	bro as above. Upper contact obscure, lower contact 30°											
289												
297 fracs 297	fmg pyc			20.5	21.2		0.04	0.08				
	65% plag patches, 10% cumm/anthe and 15% bio repl cumm as segs											

5-86

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11806	1409	2336	90	

Deposit Area 5
Drill Hole 5-86
Logged by H.M. Parker
Date 1972
Page 2 of 4

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
297		205-213 cont'd: patches, 10% hbl clots, incr bio near bot	11806	1409									
308.5		tom, loc sch incls											
97-331 021	fracs 75°	2% strong mag sulfides - blebs											
328													
331	alt-331	213-221 cg pegmatite											
31-337 04	337	plag, qtz, chl, musc, (loc bio); loc calcite vns, alt of											
337		gabbro incls as above; (gabbro incls are plag bio cumm),											
337-350 022	345	contacts obscure											
350													
350-377 06		221-252 mg gabbro, loc fg			228.0	240.0		0.28	0.22				
		65% plag patches, 30% cumm, hbl, bio (5-20%), 5% aug,			240.0	252.0		0.05	0.20				
377		gen rext z tex, loc segs of bio, loc plag? qtz bio peg											
377-386 021	386	vns											
		2-3% sulfide, rounded blebs, mod strong mag po, cp											
386-425 025		252-266 fmg peridotite			252.0	257.0		0.85	0.25	0.06			
		55% cumm lt grn on cut surf, 20% blk hbl (could be serp?) sub-			257.0	266.0		0.65	0.30	0.05			
		oph clots, poik? patches, segs also, loc balls of chl after											
421		oli?, few plag peg vns w strong chl reaction											
425		25% sulfide blebs, vfg, fine inst network, fg po											
425-443 024		weak mag, cp											
Footwall	443												
443-475 03	fol gouge	266-289 fg cumm gabbro (loc mg rextz)			266.0	270.0		0.12	0.15				
		60% plag patches, 20% cumm patches (loc antho) lt brn, 10% hbl			270.0	275.0		0.36	0.20	0.03			
		clots, 10% bio repl hbl, cumm, occurs as segs; gen sugary											
		text, scattered pd zones 6" intvs, mineralized as above, loc											
475		plag vns, loc steep fracs 75° coat w epi, hbl?, bottom											
		2' segs of sulfide in pred pd zone											
		5% sulfides overall, weak mag po											
		289-297 fmg pyrox			287.0	293.0		0.71	0.20	0.06			
		50% cumm, and 25% hbl as patches, cumm patches bigger,			293.0	298.0		0.35	0.20	0.04			
		hbl smaller, loc chl balls, loc talcose, 70° conjugate fracs											
		25%, loc 80% inst network sulfides, mod mag po											
		297-308.5 fg cumm gabbro (loc rextz fmg)			298.0	318.0		0.06	0.15				
		60-65% plag and 15% cumm patches, 15% bio segs to patchy											
		repl cumm, 5-10% hbl, suboph fg clots, few plag segs, vns,											
		loc sch incls											
		308.5-328 fg cumm gabbro			318.0	337.0		0.04	0.08				
		60-65% plag asic, 25% cumm as patches, 5% bio, 5% vfg											
		hbl clots, greener than above rx, mod mag, (loc po dissem in											
		patches <1%), 75° fracs, loc higher bio zones, exp near fracs											
		loc plag bio peg											

5-86

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-86
Logged by H. M. Parker
Date 1972
Page 3 of 4

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11806	1409	2336	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	AU	Deposit
328-331 f-mg pyrox (pd?)	11806	1409										
50% cumm and 20% hbl patches; bio chl reaction at bottom												
30% inst sulfides, mod mag po												
331-337 cg pegmatite												
plag, ksp, bio, qtz, musc; irregular contacts, bio chl incls of gab, loc chl - wh clay alt at 333, no carb												
337-345 mcg pyrox-pd?			337.0	350.0		0.14	0.14					
60% cumm - talc and 30% hbl as patches, loc chl, bio, talc antho alt near peg, bio between talc and chl, loc chl balls;												
10% inst, dissem mod mag sulfide												
345-350 fmg mafic eucrite			350.0	360.0		0.19	0.15					
50% plag asic, 20% cumm green, 20% bz lt brn, 10% hbl - aug?, loc 15%, patches - poik?, or segs, loc chl vns												
1% mod-strong mag po												
350-377 mcg pyrox-pd?			360.0	370.0		0.46	0.10					
70% cumm alt loc to chl, and 20% aug-hbl, both cumm, hbl intergrown but patchy, loc chl balls, loc plag segs, loc antho w chl or bio reaction rim, loc near vert fracs			370.0	376.0		0.27	0.09	0.03				
374-377 talc alt, bottom 1' plag bio qtz peg												
10% dissem, inst, loc network sulfides, weak-strong mag po												
377-386 fg cumm gabbro			376.0	384.0		0.03	0.05					
65% plag asic/patchy, 15-30% cumm patches, 0-15% bio rep/cumm, small segs, 5% hbl vfg clots			384.0	395.5		0.45	0.17	0.04				
382-385 plag qtz bio peg, loc gar, sch incls												
1% fg po, cp, encl msv sulfide vns (mostly in 382-385)												
386-421 mg cumm gabbro, pegmatite			395.5	399.5		1.55	0.09	0.16				
60%-65% plag asic/patchy, 25% cumm/bio patchy, loc bio segs, fg bio, 10% hbl clots; numerous peg dikes and stringers: plag, qtz bio; at bottom have balls of contact aggregates surrounded by sulfide			399.5	407.5		0.63	0.44	0.07				
			407.5	414.5		0.65	0.50	0.07				
			414.5	421.5		1.28	0.40	0.13			.005 (SUDBURY)	
419-420.5 talcose mg pyrox pd w rounded sulfide blebs: 70-75% cumm and 15-20% hbl alt partly to talc 10% sulfide												
Rest of intv have 15% sulfides, weak-mod mag po, in gabbro have 5% dissem sulfide, also have 1-2' msv zones w cp segs, vnlts												

5-86

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-86
Logged by H.M. Parker
Date 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11806	1409	2336	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
421-425 fg cumm gabbro	11806	1409	421	433		0.25	0.10	0.03			
60% plag and 25% cumm as patches, 10% hbl subophc lots,			433	443		0.02	0.05	0.002			
5% bio tiny segs, loc larger, loc plag qtz bio											
pegs; banded hybrid unit - chill zone											
425-443 hybrid gabbro											
60% plag, 25% hbl, 15% bio, sugary text, loc											
plag bio qtz peg, plag hbl sch incls											
10-15% mod-strong mag near msv sulf rns											
443-475 schist											
plag bio qtz silli? (prob sericite but fibrolitic) w											
plag qtz porphroblastic segs, loc gar. 0-20° fol,											
avg 10°, loc ffol plag hbl bio lays, loc psuedo											
andalucite											
454-455 3" gouge seams - grey clay											

5-87

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-87
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12000	1356	2350	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
		0-86.6 overburden - glacial till	12000	1356									
		Ax Core Below											
0-86 01	till	86.6-90 pegmatite ksp, plag, qtz, musc, chl, bio											
		90-94 bio gabbro, sch incls gabbro: 80% bio, 20% plag; sch incls: graph mt chl rare sulfides											
86-94 86 04 94	86.6 peg 90 gab, sch incls 94 fg cumm gab	94-111 fg cumm gabbro (loc fmg) 60-65% plag and 20-30% cumm as patches, 10% hbl clots, 0-10% bio locally, loc sch incls 1% sulfides scattered round blebs, strong mag, cpasting blebs in po											
	111 mg cumm gab	111-131 mg cumm gabbro 50-60% plag and 30% cumm as patches, 10% hbl suboph patches, 10% chl patches, loc bio segs tr sulfide blebs											
	131 fg cumm gab shear 146												
4-232 021	m-cg cumm gab	131-146 fg cumm gabbro 65% plag and 25% cumm (minor antho) as patches, 10% hbl clots, loc hi bio, esp near loc sch incls; 144' vein in shear 80°, py + po strong mag 2% sulfides assoc w sch incls			139.5	145.5		0.049	0.041	0.018		4.45	
	loc carb alt near vert fracs	146-232 m-cg cumm gabbro 60% plag laths-patches, 30% cumm patches 10% aug hbl, loc chl, loc carb alt (near vert vns) also frac fills, loc peg vns, bio tr sulfide blebs											
232	fg cumm gab, peg sch incls	232-281 fg cumm gabbro, pegmatite, sch incls 75% gabbro: 65% plag, 25% cumm loc antho, 10% hbl loc 0-50% bio esp near sch incls; 15% peg, 10% sch incls											
32-301 025		281-301 m-cg cumm gabbro, pegmatite 75% gabbro (loc eucritic): 60% plag and 25% cumm as patches (loc 10% bz), 10% hbl - segs, ophitic											
281	m-cg cumm gab, peg	301-326 mg cumm gabbro, pegmatite 75% gabbro: 60% plag laths 30% cumm patches, 5-10% hbl			303.5 316.5	316.5 325.5		0.011 1.121	0.015 0.251	0.003 0.14			
301													

5-87

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-87
Logged by H.M.Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12000	1356	2350	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
301	301-326 cont'd: intergrown w cumm, 10% bio segs	12000	1356	325 15	335 15		0.32	0.15	0.03			
301-326 025	loc chl; 25% peg: ksp, plag, qtz, bio, musc											
	2% sulfides to 316, 30% thereafter = msv vns, mod-											
326	strong mag cg po, cp as segs											
326-351 021	326-351 fg cumm gabbro (loc mg)			335 15	355 15		0.05	0.15				
	65% plag and 25% cumm (loc antho) as patches, 10%											
351	hbl clots, loc peg <10% was soc sulfide vns											
	5% sulfides, mcg mod mag po, cp as segs											
351-390 021	351-390 mg cumm gabbro			355 15	375 15		0.04	0.20				
	65% plag and 20-25% cumm patches, 5-10% hbl			375 15	385 10		0.10	0.15				
	clots - tiny prisms, 5-10% bio segs, 3% sulfides			385 10	391 10		0.20	0.35	0.02			
390	scat blebs, strong mag, cp as segs or tiny segs											
	390-438 fg cumm gabbro, pegmatite			391 10	402 10		0.25	0.30				
	70% gabbro (loc mg): 60% plag and 25-30% cumm as			402 10	412 10		0.13	0.20				
	patches, 5-10% hbl clots, 5% bio (loc segs), 30%			412 0	422 10		0.07	0.40				
	ksp type peg			422 10	436 10		0.47	0.20	0.05			
	5-10% sulfides, segs, vns mostly 400-435, strong			436 10	446 10		0.06	0.10				
430 Footwall 438	mag po, cp as segs, loc chl segs vr sulfides											
430-454 03 fol. sch												
454	438-454 schist											
	plag, bio, qtz w plag qtz segs, loc graph mt, tr											
	sulfides, poor 0-10° fol											

5-88

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-88
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12501	1687	2326	90	

Depth (1"=40')	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0	0-93 overburden - glacial till	12501	1687									
	AX Core Below											
	93-137.5 mg cumm gabbro (loc fg)											
	65% plag laths, 20-25% cumm patches, 5-10% hbl patchy b											
	clots, 5% bio segs - loc 10%, 10% ksp pegvns w hibio (chl											
01	bill											
	lin gab, near tailing vns, loc more mafic - 50% plag,											
	105-132 1% scattered sulfide blebs, strong mag											
	po, marcasite, cp content of blebs varies											
	(94-101.4 only 1' core recovered)											
	137.5-151.5 fg cumm gabbro (loc rextz mg)			144.0	151.0		0.08	0.32				
	60% plag and 25% cumm as patches, 5-10% hbl clots, few											
	oph patches, 5-10% bio segs, loc higher, loc 1/8" pegvns											
	141-151: 1-2% dissem sulfides, also segs, some											
93	assoc w schinds - mt graph, cp as separate segs, strong											
mg cumm gab	mag fg po,											
	151.5-171.5 pegmatite; fg, bio gabbro											
33-152 021	75% peg, ksp type, loc chl; 25% gabbro (154-159.5)											
	50% plag, 50% bio, loc gar											
	tr vfg po, cp, dissem											
137.5 fg cumm gab	171.5-197.8 mg cumm gabbro, pegmatite											
151.5 peg, fg gab	50% gabbro: 65% plag laths mostly patches, 20% cumm											
	patches, 5-10% hbl intergrown w cumm, loc patches, 5%											
	bio, loc to 25%, loc schinds, 60° carb vn @ 193.5,											
171.5 mg cumm gab peg	50% peg of ksp type; gabbro is loc fg											
	tr strong mag po, cp, dissem @ 185'											
52-225 025	198-225 f, mg cumm gabbro, pegmatite, schinds			217.5	225.5		0.37	0.13	0.03			
198 f, mg cumm gab, peg, schinds	70% gabbro, loc rextz, vfg from 202; 60% plag and 25% cumm (50% from 222)			225.5	232.0		0.64	0.30	0.07			
	as patches, loc antho, 5% hbl (loc 10%) clots, 5% bio			232.0	241.5		0.01	0.06	0.002			
	segs, 20% ksp pegmatite, 10% schinds			241.5	249.0		0.08	0.50	0.01			
	217-225: 3% sulfides mostly assoc w schinds,			249.0	253.0	4.0	1.32	0.18	0.14			
225	fg dissem, few blebs, strong mag po, cp vnlts, segs; trace sulfides			253.0	265.5	12.5	0.03	0.06	0.006			
	above 217			265.5	273.0	7.5	1.05	0.20	0.13	1.40	1.20	0.25 0.13
				273.0	279.5	6.5	1.37	0.30	0.14			
	225-334.5 mg cumm gabbro, loc fg, pegmatite			279.5	291.0		0.42	0.54	0.04			
	85% gabbro: 65% plag and 20% cumm as patches, few laths,			291.0	305.0		0.06	0.08	0.008			
	5% hbl clots, 10% bio segs; 15% ksp peg, loc qtz vns,			305.0	315.0		1.04	0.18	0.11			
	loc tourm, chl, loc granodiorite mg peg			315.0	325.0		0.90	0.34	0.10			
	10% sulfides msv vns 2"-2', few blebs, segs,			325.0	333.5		0.55	0.24	0.06			
	gen strong mag, loc weak, fg po, loc mg, cp as segs.											
	most sulfides in gabbro, not peg											
	334.5-338.6 mg cumm gabbro, pd segs											

5-88

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-88
Logged by H.M. Parker
Date 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12501	1687	2326	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
225		334.5-338.6: gabbro as above w chl, bio, antho (minor talc) pd segs	12501	1687	3335	3440		0.66	0.12	0.07			
		5% sulfides dissem and blebs, mod-strong mag, cp as blebs assoc w po											
225-361 025	mg cumm gab, peg	338.6-361 mg cumm gabbro, pegmatite			3440	3530		0.37	0.17	0.04			
		75% gabbro as above, loc antho; 25% ksp and plag type pegs			3530	3580		0.06	0.08				
		20% sulfides, msv rns, blebs, segs, mod mag m-cg po, cp as blebs in po, split core loc tarnished											
		361-386 schist											
		plag, bio, qtz, loc mt gar; porphroblastic segs of plag, qtz; pegmatitic gn to 366 (hybrid?); loc fibrolite, tr po, poor fol 20° avg?											
334.5													
338.6	mg gab, pd												
	mg cumm gab, peg												
361 Footwall 361													
361-386 03	sch												
386	bottom												

5-89

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12499	14899	23475	90	

Deposit Area 5
Drill Hole 5-89
Logged by W. M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-124 overburden - glacial till	12499	14899									
till		A x Core Below											
		124-152 schist											
		bio, plag, qtz, gar; plag, qtz mostly as concordant											
		segs, loc chl-ep; loc highly alt 3" gab dike at 129											
		50-60° fol (contorted, very crumbly core - yellowish											
		(140-146 only 6' recovered)											
		152-156 schist											
		plag, bio w qtz, serp; more plag qtz segs than											
		above, no fol, crumbly core											
		156-183 fg allegabbro											
		60% asic-pathy plag, 40% serp; plag is cloudy,											
		has clay alt; core broken contact relation w above											
		unit is unclear, 15% (numerous) qtz veins w/ gabbro											
		173 - gouge											
		(158.4 - 166.6 core loss)											
124		183-221 f-mg gabbro (less shighly alt) poor schists			20,310	21,310		0:3.91	0:1.21	0:0.3			
	ale/sch	80% gabbro: 40-60% plag, 40-50% serp, bio, hbl			21,310	21,815		1:1.51	0:3.51	0:0.9			
124-156	03 contd fol	in few fresh rock zones have 55% plag, 30% cumm,			21,815	23,010		0:0.517	0:0.417	0:0.1.2		0:713	
		15% hbl; 10% ksp peg, 10% bio schinds			23,010	23,610		0:1.417	0:1.612	0:0.1.4		1:217	
156 Hanging wall	152	Q03.5-218.3 10-15% sulfide, vuggy mercasite			23,610	24,810		0:0.512	0:0.316	0:0.0.9		0:618	
	sch. 156	cp as tiny blebs, some blk oxides - MnO_2?			24,810	25,510		0:2.21	0:1.11				
	fg ale gab				25,510	27,815		0:0.51	0:1.71	0:0.0.5			
gouge →		221-361 f, mg gabbro, loc eucritic			27,815	28,910		0:6.41	0:1.71	0:0.5			
		65% plag and 20% cumm as pathies, loc antho,			28,910	30,210		0:0.6	0:0.81				
156-221	025 183	10% hbl clots, 0-5% bio; few bio (pseudosills) chl			30,210	30,710		0:2.81	0:2.51				
	f-mg gab, peg, schinds	schinds, 10% ksp pegs from 281 on			30,710	31,815	1.1:5	1:6.51	0:6.51	0:1.8			
		10% sulfides 221-279; scat blebs of po, cp, loc			31,815	32,710		0:0.21	0:0.81	0:0.0.8			
		mercasite - vuggy, strong mag po			32,710	34,015		1:1.41	0:4.21	0:1.2			
		25% msv sulf vns 279-340, segs also, mg			34,015	35,015		0:0.51	0:1.31	0:0.0.2			
221	221	strong mag po, cp as segs blebs in po											
		1% scattered blebs 340-361 w few beyond 350											
		361-393 f mg cumm gabbro - hybrid zone											
		gabbro is 30-40% plag, 40-50% cumm, 10% hbl, 10% bio											
		loc to 40% at expense of cumm, loc schinds, 6 to rich,											
		mt; 10% pegs of ksp type.											
		2-3% sulfides											
		393-430 mg bio gabbro hybrid zone, peg											
		80% gabbro: 65% plag, 35% mafics gen bio,											
		loc cumm to 20%; 20% ksp? peg, tiny bio											
		clots suggest plag peg but no twins seen											

cont.

5-89

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole 5-89
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,249.9	1,489	2,471.5	90	

Depth (1"=40') | 20 % Sulfide (visual) 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
221 430-443.6 Schist	1,249.9	1,489									
plag bio chl qtz ; loc mt-po (fg dissem), loc marbled appearance to plag, contorted											
fmg gab											
361 fmg cumm gab hybrid											
393 mg bio gab hybrid											
Footwall 430 sch											
4436 bottom											

221-361 021

361-393 024

393-430 024

430-444 03

5-90

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-90
Logged by H.M.Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11900	1367	2334	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
		0-66 overburden - glacial till	11900	1367									
		A X Core Below											
0-66	01	66-246 fg cumm gabbro (mg for few feet)			121 15	133 10		0.02 15	0.02 17	0.01 4		2.7 14	
		60-65% plag asic, 25% cumm patches, 5-10% hbl small clots, 5% bio fine flakes; ksp, plag, qtz, bio, musc pegs: 150-156, 182-194, 224-234; numerous schinds (plag, bio graph, also chl, gar loc) w assoc sulf blebs very mag, v little cp			133 10	144 10		0.01 16	0.01 14	0.01 1		1.2 7	
		2-3% sulfides 121.5-144, <1% elsewhere			232 10	241 15		0.33 1	0.25 1				
66		246-271 f-mg cummgabbro											
		65% plag asic patches, 15-20% cumm patches, 5-10% hbl clots, 10% bio small segs, loc antho, schincls, banded 20° slightly											
		1% sulfides mostly assoc w peg, 270-271, strong mag											
		271-325 mg gabbro, loc pyrritic near top variable composition: 50-65% plag, 25-30% cumm/antho/bz, 5-15% hbl aug, 0-10% bio, loc 20° banding, schincls?, rare dissem sulfide blebs, loc peg rns, strong mag											
-271	021	325-357 fg antho gabbro											
		65% plag asic, 20% antho patches - inst, 10% hbl clots, 5% bio small clots, loc banding - schincls?, 1' qtz vn @ 347											
		332-341.5 3% sulfides, po segs, blebs - strong mag, cp assoc w peg vn and as tiny segs; most sulf assoc w cg talc cumm pd? segs and bio schincls											
		357-369 mg cumm gabbro											
		60-65% plag patches, 25% cumm, 10% hbl clots and asic prisms, 5-10% bio segs											
		tr sulfide blebs strong mag											
246 qtz vn	f-mg cumm gab	369-387 mixed zone			379 10	392 10		0.55 1	0.32 1	0.07			
loc banding		370-373 alt fg gabbro: 50-60% plag, 30-50% hbl, 10% bio; 373-377: qtz calcite vn w coarse xtls; 377-387 ksp plag qtz, bio, musc peg, msv sulf vns											
271		379-380.5											
		5% sulfides for intv, strong mag											

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-90
Logged by H.M. Parker
Date 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,9,0,0	1,3,6,7	2,3,34	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
271			1,1,9,0,0	1,3,6,7	3,9,2,10	4,0,2,10		0:9,01	0:4,11	0:1,1			
		387-418 mg eucrite mafic gabbro			4,0,2,10	4,1,2,10		0:6,61	0:3,91	0:0,8			
		20-40% plag, 30-40% cumm/bz, 10-15% hbl, loc pd			4,1,2,10	4,1,8,10		0:3,01	0:1,81	0:0,4			
		20% sulfide blebs, segs, msv vns; mod mag			4,1,8,6	4,2,6,10		0:9,81	0:5,01	0:1,5	4.7	0:6,41	0:3,4
		po, cp as tiny segs			4,2,6,10	4,3,1,10		0:0,71	0:1,01	0:0,0,4			
		418-425 msv sulfides and peridotite											
		65% talc-chl-serp (w antho near bottom) pd; 35%											
325		sulfide, msv and dissem inst, mod mag po, cp											
	fg antho gab	as tiny blebs, segs											
325-357	023												
		425-441 Hybrid Zone											
		plag, hbl, bio; patchy qtz text, 1/2" porphyro-											
357		blasts of qtz, loc sch inds											
	mg cumm gab	10% sulfides at top 3'											
357-369	021												
369													
	all gab, qtz-calcit vn, peg												
369-387	025	441-456.5 Schist											
387		plag bio qtz, contorted 0-30° fol											
	mg amer mafic gab												
387-418	021												
418													
418-425	msv sulf, pd 05												
425													
425-441	Hybrid zone 024												
Footwall 441													
	Sch												
441-457	03												
457.5													
	bottom												

KNOX MINIING CORP.

DRILL HOLLE LOG

Deposit Area 5
Drill Hole 5-91 126-16
Logged by H. M. Parker
Date 6/22/72
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Deposit	Town	Co.	Lease No.	Hole No.	Coord.	Collar Elev.	Angle	Azimuth
				1,2,6,0,0	1,5,9,9 South / West	2,4,2,3	9,0	

Depth (1"=40')
20 % Sulfide (visual)
40
60
80
100

Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S
0-135' Glacial till, Bgwl beyond 100% recovery									
135-145' m-g gab; 60% equant-asic plag, 25% grn amph(cum?), 10-15% brn bio, < 5% blk aug?; mafics									
ophitic, non mag, barren 140.5-141.5 shear zone									
145-147 Grad contact zone; gabbro loses ig tex									
grad becomes gneissic, bio incr to 40%, qtz									
segs, common gar, loc chl, mus?, 1-3% fg py									
dissem and stringers									
147-185' chl-graph-qtz-plag sch, minor gar, bio;									
1" qtz vns, peg segs, mus assoc w pegs, shear zone									
throughout, xx alt to clay and epi which cements bx									
frags; 1-3% dissem py, tr cp in peg at 180'; 170-171 v/g									
diabase? dike cut by peg vns and segs; 180-185 vugs									
and traces in pegs lined w siderite; lower contact									
unclear because of pegs and alt									
185-192 f-m g gab; diffuse chl alt at top, 10% mst									
aug, bio rare except near peg at 190.5, plag asic to									
patches, loc tr po, cp.									
192-196 gabbro sed-gneiss; highly recrystalized almost									
to ig tex; chl-bio matrix, loc graph, loc plag porphro-									
blasts, gar, loc ½-1" peg vns and segs; peg seg at 195									
has 1/8" cp rim around it; tr-1% py, po, cp throughout									
196-201 f-m g gab; diffuse chl alt, some mafics									
pitted; asic to patch plag, mafics variable - loc 30%									
bio and chl alt esp near 1-2" peg vns, loc 5-10% aug?									
20% grn amph(cum?); loc brn alt patches on cut surfs									
201-209.3 peg; qtz, plag, k-spar, bio; inclus of									
bio-amph gab (m g 25% bio 20% grn amph(cum),									
patchy plag); loc stringers of bio and gar?, loc chl-									
epi stringers, tr cp, po, loc 1%	1,2,6,0,0	1,5,9,9	2,0,3'2	2,0,9'3	0,0'6	0,0'6	0'0,1,6	5,1'4	0,6'8
209.3-216.1 msv sulfides, 70% of int; f-m g mag, po w cp			2,0,9'3	2,1,6'1	1,3'3	0,4'7	0'1,5,2	3,8,0'1	2,2,3'7
veins and irreg blobs; fg sl yell patches of py, silicate									
incls: bio-chl-gab, peg, small gar-bio inclus, loc blk									
shiny amph on fracs. Lower contact very sharp, 1/8"									
chl-bio fault zone, dip 35°									
216.1-225' mixed gabbro and peg; gab: f and m g: mg			2,1,6'1	2,2,1'1	0,3'5	0,0'3	0'0,5,2	1,3,5'1	5,9'3
65% bio asic plag, 20% lt gr amph, 100% dk grey aug?			2,2,1'1	2,2,6'6	0,2'9	0,2'5	0'0,4,2	1,4,3'1	5,0'4
<5% bio (25-75% near peg); fg-sugary mel tex, anorth									
10% dk grey mafics aug?; peg: qtz-kspar (sl grn cast), bio									
loc veins of sulfide, loc msv sulfides as above w chl									
gar incls and stringers, 5-10% for int, po fg mod mag									
bio is pink and brn near ore; 220' peg dike at 45° cuts									
65° peg dike, 224 1/4" fault as above dip 35°									

Till
135 Gabbro and shear
145 Bio2 contact
147 schist
Tol
Tol
195 Gabbro
202 Sulf-Chrom
206 Gabbro
Peg
209.3 MSV SULF
216.1 Shear
DMG Gab
225 Shear DMG

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-91 126-16
Logged by: H. M. Parker
Date: 6/22/72
Page 2 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12600 (15 South)	15999 (20 West)	24213 (25)	90 (30)	(35)

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S
225	msv sulf & peg-gneiss	225-233.7 mixed msv sulfides and peg-qtz; 50% sulfides	12600 15999	22616	23317		.0917	.1115	01113	3.191	2.0217
233.7	fol Gab & Peg	f-mg mag po, no cp seen, vf py as above, gar anhdr									
243.7		incls ch sulfides; qtz-peg is veined by sulfide, lack of cp									
251.3	bl Gneiss peg	near peg- these pegs developed earlier than ore?; gneiss is									
253	Gabbro	bio-gar-qtz-plag, loc chl.									
257	Gneiss	233.7-243.7 mixed gab and peg, more peg toward bot;		23317	23817		.0018	.0015	0100.19	.7517	.0819
274.4		gab: f-mg, 55% uzc plag, inst-opluthrinafirs; 30%		23817	24317		.0017	.0014	0100.19	.6419	.0915
	msv sulf	grn amph (cum?), 10% aug, <5% bio 20-30% near peg									
		scat loc blebs of po, cp \ po/cp = 10:1 (1-2% sulfide) overall									
		in ind peg: qtz-felds-bio fr po, cp.									
		243.7-251.3 mixed gneissic peg, bio-sch, and qtz		24317	25019		.0618	.0210	0100.77	2.221	1.150
305.8	Gabbro pegs	eye bio gneiss, loc gar, few msv sulfide zones		25019	25519		.0018	.0015	0100.23	.8912	1.719
		overall (100% sulfide) strong-mod mag po, very little cp.									
324.3		gar, plag, chl-amph? incls									
		251.3-253.0 f-mg gab, chilled contacts against bro-									
		gneiss-peg; equigran tex; indist 8ths 50-60% plag									
		20% grn amph (cum), 10% dk grn aug (bio?) barren									
		253.0-257 bio gneiss w some peg segs, diked by		25519	26110		.0012	.0011	0100.18	.5618	.0714
		fg bio rich anorth gab as above; gneiss has 40% bio		26110	26614		.0013	.0011	0100.16	.6419	.0513
		loc gar; plag porphyroblasts barren									
		257-271.4 mg gab w minor peg dikes and vns									
		plag asic - irreg patches, 20% lt grn amph - large irreg		26614	27114		.0016	.0013	0100.19	.8318	1.010
		xtls, 10% aug, 5% opx?, <5% bio; texture implies									
		xtlliz at one time of all minerals??, bio to 50% near peg									
		lower 1' shows incls of fg gab and bio-gar gneiss; gab on									
		one side of gneiss fg (chill or incl) and on other side is									
		mg, lower 2" is peg w dissem cp, po, otherwise									
		unit is barren									
		271.4-305.8 (msv sulfide, overall 85-90%); po weak-		27114	27614		.1516	.0717	0118.4	4.831	3.2.219
		mod mag, cp blebs, patches, stringers, py fg, loc 5-10%		27614	28114		.1613	.0616	0118.7	5.141	3.591
		gar-amph-chl-plag incls - tendency to be mono mineralic		28114	28614		.1217	.0313	0115.8	3.961	2.5.517
		and small, loc 1-2' pubbles of bio-chl? gar gneiss w		28614	29114		.1517	.0419	0118.7	4.921	3.3.018
		plag porphyroblasts containing stringers of sulfide; also		29114	29614		.0911	.1317	0111.0	3.6.57	2.2.412
		one 2' zone of fg anorth gab - norite?, shows ragged		29614	30114		.1814	.0214	0123.0	5.181	3.5.710
		boundary w massive sulfides, but not much replacement		30114	30518		.1416	.0518	0117.4	45.41	3.2.018
		Other gab incls similar, may show a reaction rim									
		305.8-324.3 m, m-cg gab, irreg grain boundaries,		30518	31018		.0219	.0318	0104.5	1.431	.6.019
		interlocking tex, 60% plag, 20% grn amph (cum), 5-10% bio		31018	31513		.0516	.0619	0107.1	2.051	1.1.113
		5-10% aug? Zone is cut by numerous pegs which have		31513	32413		.0016	.0013	0101.3	.5618	.0211
		assim gneissic gab, bio rich and minor gar-chl gneiss									
		(differs) up to 90% msv sulfides as stringers assoc w									
		peg, cp higher than usual po/cp = 10:1, po is									
		mod magnetic; overall 5-8% sulfides in interval, pegs contain									
		qtz-bio, tr musco, 1% gar; peg-gab contacts sharp or									
		irreg									

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-91 126-16
Logged by H. M. Parker
Date 6/22/72
Page 3 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				126 00 South	1599 West	2421.3	90	

Depth (1"=40') | % Sulfide (visual) 20 40 60 80

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S
329.3 Fg-mg gabbro (msv sulf) 331.2										
Gabbro (fg) 335 peg										
345 Gabbro pf fg-f peg bol										
357 Gneissic peg										
370 Schist-peg-gneiss bol Variable										
417										
324.3-331.2 mixed gab and msv sulfides; gab is f-mg variable, loc contg gar, esp near peg segs or rextlized parts, msv sulfide blebs ¼", otherwise gab is as above; msv sulfides in sharp contact w gab - ragged w peg, po med mag, 5-10% cp, 10% py, 6" qtz-kspar, minor bio peg vn at 325', minor offset scenat gab-sulf contact	126.00	1599	324.3	331.2		0.917	0.111	01.1.6	3.3.01	1.9.95
331.2-335 mixed eg bio-amph gab and peg; irreg patchy plug-appears rextlized 50-60%, 25% bio, 20% amph, loc gneissic tex; shows sharp to irreg contacts w peg, pegs eqr qtz-plug-kspar?-bio			331.2	335.2		0.319	0.210	010.1.9	.5.114	.0.513
335-345 eg qtz-bio-mus-plag-kspar? peg barren										
345-357 mixed peg and eqr bio amph gabbro patchy rextlized tex as above, loc gneissic, 30% bio brn-pink, loc blk (color appears alt brnish), 20% amph (tr po); contacts w peg maybe sharp or irreg-gradational										
357-370 plag-qtz-bio gneissic-peg, highly rextlized, w plag porphyroblasts (cloudy), loc pegs, bods of gab as above and bio segs, gneissic sch incl at 363, rare po										
370-417 migmatite, chl-bio-graph sch mixed w qtz-plag-bio peg and gneiss, rare po										
END OF HOLE										

Petrographic Spec. ① 164', ② 136', ③ 175', ④ 199', ⑤ 200'
Thin Sections ⑥ 215', ⑦ 247', ⑧ 269', ⑨ 278', ⑩ 284', ⑪ 301', ⑫ 322', ⑬ 330', ⑭ 329', ⑮ 358', ⑯ 356', ⑰ 401'

Polished Sections ⑥ 215', ⑨ 278', ⑪ 301', ⑬ 330'

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DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-92 128-16
Logged by H.M. Parker
Date 6/29/72
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				128.00	15.99	2434	90	
	5		10	15 South	20 west	25	30	35

Depth (1"=40') 20 40 60 80 100 %Sulfide (visual)

Description

Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Ni/S	Deposit
0-119 Glacial till, Bqwl beyond 100% recovery except for: 119-126 31%										
216-223 91%										
231-238 85%										
238-243 40%										
119-126 Top 2' fairly continuous, rest ground up; mg gab interlocking to poik plag, metamorphic rextliz tex?, 30-40% dk grn amph, 60-70% plag, <50% bio; ground up cg qtz bio kspar? peg at bot										
126-135 fg and vfg gab, loc sch, could be chill zone but prob incls of gabbroized sch?, rextlized ~ sugary tex 20-30% bio, 10-20% amph, 60-70% plag; loc feldsegs vnlts, tr py, chl-epi fill cracks, fracs; 128' 8" cgr peg, wpy on frac, kspar-bio-qtz										
135-147 gneissic to (plag-bio-qtz) gabbroic sch, loc fol, loc plag porphroblasts, also qtz, tr py, loc gar, loc chl loc graph, loc fracs w qtz vnlts and chl-epi-py-qtz in vugs, 143' 6" qtz lined vug w euhedral pyramidal qtz and py cubes										
147-243 Contorted sch-gneiss: bio, qtz, plag-silli (alt to sericite)-esp toward bot, loc chl, graph; tr-1% py dissem vnlts, 1-2" cg granodiorite patches, 1-6" qtz py vns as above, loc pervasive breccia tex rx 176-178, loc qtz-kspar-mus pegs 188-189, ground up mus-kspar? peg w chh on fracs 238-241										
243-244 mg gab dike, chilled at bot, shear contact at top 5-10% lt brn bio, 25% grn amph, 70% plag, interlocking tex										
244-251.5 gneiss to gab gneiss loc, 20% sulfides overall, most in 2' patch repl gneiss, po very mag fg, cp minor, in late cracks filled w chl or assoc w peg or granodiorite, pn vfg hard to see, qtz-gar-bio-plag incls in ore, loc graph; where gabbroic rx shows indist tex, plag is poik around amph loc po but gen barren, late py on fracs in this zone.	128.00	15.99	244.0	249.0		0.45	0.33	0.075	1.82	9.00	0.50
			249.0	253.5		0.20	0.26	0.042	9.58	4.05	0.49
251.5-253.5 Mus-qtz-kspar peg, kspar is lt grn, dull; essentially barren, hi bio near contacts, lower contact somewhat grad, i.e. mixed zone of sulfide and peg over 15'	?										
253.5-257.8 Gneiss containing loc msv sulfides as above 30% sulfide overall, some cgr, chl, gar, plag, bio incls, cp as late vnlts, late py? (could be pn) fracs, vfg pn			253.5	257.8		1.22	0.28	0.167	3.65	2.40	0.51

Depth scale: 0, 119, 126, 135, 147, 243, 244, 251.5, 253.5, 257.8

Till
Gabbro
Gabbro fracs chill zone
Gneissic-fol Gabbroic schist
Schist-Gneiss
Contorted Fol
contact
Gabbro Dike
Gneiss
Peg
Gneiss

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-92 128-16
Logged by: H.M. Parker
Date: 6/29/72
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12800	1599	2434	90	
	5		10	15 South	20 west	25	30	35

Depth (1" = 40')	20 40 60 80 100 % Sulfide (visual)	Description	Drill Hole No. 5	Drill Hole No. 10	From 15	To 20	Ore Type	%Ni 25	%Cu 30	%Co 35	%Fe	%S 40	Ni/S 45	Deposit 70 80
257.8	Gneiss-schist fol	257.8-281 Gneiss-sch as above (loc sulfides ll fol,	12800	1599	257.8	261.4		0.41	0.06	0.058	1.57	7.88	0.52	
		vnlts and blebs; mag fg po, minor cp; bio-chl-sericite			261.4	266.0		0.10	0.05	0.025	8.70	2.13	0.47	
281	Gabbro + peg	plag as above; loc fg bio-qtz rich gab, loc			266.0	275.0		0.07	0.03	0.025	7.28	1.60	0.44	
		granodiorite			275.0	281.0		0.32	0.04	0.050	1.24	5.22	0.61	
292	Gabbro	281-292 m-cg gab cut by numerous bio-plag-												
298	Gabbro	qtz peg vns; suggest gab rextlized near pegs to												
		cgr: 20% bio, 20% amph, 60% enclosing plag ophitic,												
		usual incr in bio near pegs; near upper contact rx												
320	Schist + Gneiss fol	appears to be a gabbroized gneiss, i.e. mafic and												
		anorth segs, variable grain size, tr cp, poin pegs												
		292-298 m-cg gab 60% subeph plag, 25% grn												
		amph(cum) 10% augite-hbl?, 5% bio; close to rg tex												
		some asix plag, looks like a mush mostly xtlized before												
		or during intrusion, loc qtz-kspar bio pegs w bio												
360		reaction at gab contact												
364	Peg	298-320 f-mg gab w fg incls; prob has a sch												
		component: 20% bio, 10-15% lt grn amph, has irreg												
		tex - indist xtl bounds, loc po blebs, incls are vfg												
		anorth gab w 5-10% bio and amph? 310-312, bio 30%,												
		plag, 70%, garnet 5% (porphroblasts) incl-not fol.												
		320-360 mixed sch and very qtz rich granodiorite												
		gneiss; bio-chl-silli-plag-qtz, loc gar, not contorted												
		loc po blebs ll fol decussate tex below 331												
		360-364 Qtz-mus-kspar peg, v low bio except												
		near contacts which are grad over 6"; gneiss was												
		hot at time of peg intrus?												
		END OF HOLE												
		Petrography (17) 192' (18) 244.3 (19) 294 (20) 266.5 (21) 256.7												
		Thin Sections (22) 252.5 (23) 311 (24) 313 (25) 329.5 (26) 362												
		Pollished Sections 244.3 246 256.5 316												

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-93 130-17
Logged by H.M. Parker, W.A. Rowe
Date 7/12/72
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				13000	1700	2359	90	
	5		10	15 South	20 West	25	30	35

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-111 Glacial Till, Bgwl below, 100% recovery except:										
		161-169 50%										
		169-177 90%										
111	Till	111-148 mixed sch and gneiss, mostly gneiss; pred bio-plag-qtz, loc gar, chl, esp on fracs, graph, esp in sch lays; relict fibrolitic silli repl by sericite; Abund qtz mus-plag-segs lt grn alt of plag (zoisite?), sillimanite repl by sericite is minor <1% py, loc po scatt throughout. Sch is finely fol, contorted crenulated. 116-120 loc bio rich amphibolite-granulite volx lays? or gabbro dikes. 112-115 peg cg mus-seri felts, loc chl, Fe stain on fracs.										
148	Schist + Gneiss fol											
155	Breccia Schist	148-155 Breccia Zone, rx as above, abund (10%) graph, 1/8" py lays (1%), loc slickensides, green, hard.										
160	Granofels											
170	Breccia Gneiss	155-160 sl fol granofels; bio-hbl-(gar) plag 1% py, loc blebs on fracs; grad contact above, sharp below (peg dike)										
184	Schist fol											
189	Qtz vn	160-170 Breccia zone, gneissic lays impreg w lt yell grn soft mineral-brucite + talc, abund graph, py vnlts, no more graphite below	13000	1700	1840	1890	006	003	0034	112	285	
202	Granofels											
		170-184 finely lam sch bio-plag-sillimanite (repl by sericite?) loc gar, loc chl, loc py- mostly blebs on fracs										
	Gneiss Decussate Tex	184-189 Transparent qtz vn w assoc bio, gar and lt grn fib amph (cum. after aug) 2% po, tr cp dissem and blebs, bio at contacts w vein										
		189-202 f foliated granofels, dk grn, hbl and bio plag, qtz?, loc peg segs w white plag and qtz										
	fol	202-329 Bio-plag-gneiss, loc sillimanite, gar, qtz chl, 1/4" lays (decussate tex) plag segs.; chl assoc bx 241-243; 207-215 bio-hbl gneissic granofels; loc 2' peg zones: bio-mus-plag (sericite) v minor tr po; 291-329 more porphyroblastic										
		329-332 Mafic bio-hbl gneiss, finely fol. minor qtz, plag, silli, py cubes, sharp lower contact, discontant w 1" peg zone. Very narrow continuous composition banding										
332	Mafic Gn fol Gneiss	332-350 Plag-bio gneiss, similar 291-329, loc peg, loc 1' hbl bio zones; crenulation folds, also early granitization stage (recrystalization obliterating foliation)										
350	Gneiss fol	350-379 Plag; hbl and bio gneiss, decussate tex, fairly rextlized, poorly fol, minor qtz, tr py 362 minor fault										
379												

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-93 130-17
Logged by H. M. Parker, W.A. Rowe
Date 7/12/72
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				1,70,0,0	1,70,0	2,35,9	9,0	
				south	west			

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
379		379-400 Pred hbl-bio-plag gn, finely fol										
	1/ Gneiss	narrow continuous bands, esp felsic ones, tr fg py,										
400		cg bio reaction near contacts w peg, loc peg										
		6"-1', cgr, plag-bio-qtz-chl (metamorphic										
		origin?) 397-398 plag-bio-gns, decussate tex										
		400' - 3" qtz vein										
		END OF HOLE										
		Conductive material: graph + py 3% 111-170										
		po 2% 184-189										
		Petrography (27) 162.5 (28) 185 (29) 191										
		Thin Sections										

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole S-94 128-18
Logged by H.M. Parker
Date 7/18/72
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12,800 South	18,01 West	2,291	90	

Depth (1"=40') | 20 % Sulfide (visual) 40 60 80 100

Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0-117 Glacial Till, Bgwl below 100% recovery										
117-121.4 plag-gar-chl-bio-graph sch, loc plag	12800	11710	12114		0.215	0.111	0.0.3.4	1.1.01	.2.916	
qtz-mus(sericite) segs, very fine sch, some crenulation										
1% po-cp coat flat blebs, very high gar near										
bot, contact irreg over 1'										
121.4-126.6 85% msv sulfides, fg po (magnetic) pn		12114	12616		2.018	0.816	0.1.8.6	5.2.01	3.3.212	
very hard to see, cp conc in stringers near qtz gar										
incls, elsewhere chl-bio-qtz-incls fg										
126.6-130.8 15% sulfides, irregular vns, a few		12616	13018		0.719	1.119	0.0.8.4	2.3.81	1.3.817	
msv zones, distribution and character similar to										
above, 126.6-127.2 fg alt gab, 40% cloudy gm plag										
25% dk grn amph-hbl?, 5% bio (lt brn) 1% ilm,										
barren; 129-130 qtz-plag-talc? peg w cp blebs,										
bottom of interval py? or po magnetic, large grains										
1% po in sch-gn, vuggy dex to core										
130.8-140.5 pred. vfg "gabbro" w plag-qtz-chl-		13018	13610		0.019	0.013	0.0.2.5	8.418	0.615	
peg segs and dikes, 70% plag, 30% amph, bnd 2'										
contains 10% gar porphroblasts, tr py throughout										
140.5-204 plag-chl-bio-gar sch-gneiss, fine		17610	18010		0.016	0.012	0.0.1.7	8.418	3.610	
lays, crenulations, porphroblastic qtz, loc graph,										
plag segs, tr po throughout, loc qtz, plag, mus pegs										
176-180 plag-bio-graph gneiss, loc cpy-po blebs										
2%; 187-192 amph-bio-plag granofels, sl										
fol' amph w plag-qtz porphroblastic segs; 202.5-6"										
zone gar rich w/ ~~mag~~ py frac coat, f dissem po?										
throughout.										
204-333 plag-bio (loc chl-gar) gneiss, gen										
decussate tex, few ll fol lays, loc amph, qtz										
plag peg, tr po, fg dissem; 250-297 gar-chl-										
bio, more layered than decussate w plag-qtz										
porphroblastic segs.										
333-347 mixed fg amph and peg fg plag-qtz										
minor bio, swirled tex, tr py cubes										
END OF HOLE										
Petrographic Sections GD 139 thin section										
129.9 polished section										

Till
117 Alt Schist
121.4 Msv Sulf
126.6 Msv Sulf Gabbro Xenoliths
130.8 Gabbro
140.5 Schist-Gneiss
fol
204 Gneiss Decussate Tex
fol
333 Amphibolite + Peg
347

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DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-95 126-21
Logged by H.M. Parker, W.A. Rowe
Date 7/21/78
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12600	2100	2118	90	
				south	west			

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S		Deposit
0		0-44' Glacial till, Bqwl below 100% recovery												
		44-60 Gen mg gab, loc cg; 25% poik grn amph, 10% bio, 65% plag (equant to asic) minor chl, loc sch, rextlized, 25% bio cg; 44-48 loc dissem blebs po and cp (minor) 54' sharp contact w fg gab chill zone?) Sulfide blebs are in more sch rextlized zones lower contact of fg gab chill zone has pervasive amph												
44 Till sulfide blbs														
Gabbro / contact w chill zone		60-78 Mixture of granodiorite gneiss, plag, bio, chl, graph, sch, thin lays, partially rextlized, insipient pegs, and fg gab dikes, loc gar, 1/8" po, cp vns // Sch at 68'; granodiorite has mus, bio, plag, qtz												
60 Gneiss and Schist														
78 Peg		78-93 peg dike w few bio-sch incls, plag, qtz, bio mus, loc tr po (assoc w sch incls)												
93 Gabbro		93-132 Pred fmg gab w rextlized sch incls and pegs (dikes assoc w sch) gab: loc bio rich esp near top, gen anorth w spotted tex, 20% amph, 5-10% bio, 75% plag, loc rextlized plag and qtz (cordierite?) 107-108 rextlized gab w mt 15%, po mag 5% tr cp, 127-132 fg gab chill zone	12600	2100	1070	1080		016	011	0034	145	441	036	
132 Schist		132-182 Pred fine fol sch w 1/2" plag-qtz-bio porphroblastic segs and lays, sch shows crenulations sch is plag-bio-mus-graph-qtz, 10% t brn amph fibrous, loc po, py, late chl rept of bio, loc mag vfg mt? esp assoc w graph and po so hard to tell												
		182-190 porphroblastic gneiss, highly rextlized plag-qtz (granodioritic), plag-bio-chl-sch remnants, loc graph, crinkles												
182 Gneiss		END OF HOLE												
190		Petrography: Polished Section 108												
		Thin Sections (31) 110 (32) 120 (33) 144												
		(34) 144												

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-96 12800S - 2100W
Logged by H.M. Parker W.A. Rowe
Date 7/25/72
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12800	2100	2143	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0	0-67 Glacial Till, 67-71 Bx, 71-197 Bqwl 100% recovery										
	67-73 gabbroized sch plag-amph (after bio or chl)-sericite (after silli)-gar (traces), poorly fol, m gr	12800	2100	67.0	71.0	0.51	0.31	0.047	3.105	1.711	
	15% sulfides - msv and stringers, mag po w pn, loc cp blebs, msv sulfides have plag, gar, chl, essent-monomineralic incls, loc plag-qtz incls			71.0	73.0	0.55	0.39	0.090	3.045	1.737	
	73-77 peg dike mg qtz monz; plag, qtz, sericite-bio-chl, minor epi, k-feldspar alt to sericite?			73.0	78.0	0.07	0.04	0.041	2.14	1.06	
Till	77-159 plag-chl-bio-sericite sch, loc amph segs, sericite repl silli; plag-qtz porphroblastic segs and lays, loc po vfg, loc graph (very little), loc insipient pegs w brucite?, talc; 138' vug w both po and py, sulfides assoc w pegs.; Texture: felted chl bands and porphroblastic lays, loc crenulations but gen gneissic, 139-199 large dk brn crystal in peg glassy luster rutile?, Gradational Contact over 6' at bot										
67 msv sulf											
73 Gab-sch											
77 Peg											
Schist											
159 Gneiss	159-173 porphroblastic granodiorite gneiss (may be injected) plag-bio-sericite-qtz, tr sulfide, gar ½" plag porphroblasts surrounded by bio and finer grained feldspar and bio										
173 Gneiss Decussate Tex	173-199 Decussate gneiss, plag-bio-qtz (sericite after silli?) tr gar, amph, py, 185-192 chl-sericite w fringes of bio, loc felted, 196-197 pegmatite										
197	End of Hole										

E

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-1
Logged by: H.M. Parker
Date: 1973
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12004	2048	2162	90	

Depth (1"=40')	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0-21 01	till	12004 2048	0	19							
21-25 04	cave; m-c gab; peg										
25-61 05	msv sulf; fg antho gab; msv sulf fg gab										
61-71 04	peg										
71-101 021	mg cumm gab										
101-116 023	fg antho gab										
116-145 021	mg cumm gab; alt m-cg gab										
145-165 04	peg, gab incls										
165-174 05	msv sulf										
174-204 021	fg cumm gab, sch incls; fg cumm gab sch incls										
Footwall 204-229 03	sch; fol.										
229	bottom										

0-16 Overburden - glacial till

16-19 Caving rock, no core

AX Core Below

19-21 m-cg cumm gabbro

65% plag-patchy, 25% cumm-dk grn, 5-10% bio flakes, 5% hbl?, 5% sulfides blebs and segs, weak magnetic mg po, cp as tiny segs.

From	To	%Ni	%Cu	%Co	%Fe	%S
19	24	0.203	0.081	0.037		

21-25 vcg ksp(perth)-plag-qtz-bio-musc-gar peg, loc apatite?

5% sulfides in last foot, mod magnetic

From	To	%Ni	%Cu	%Co	%Fe	%S
24	29	1.308	0.396	0.176		
29	34	2.032	0.623	0.279	5.54	3.420
34	39	1.512	1.508	0.220		
39	44	0.211	2.175	0.059	2.00	1.27

25-36 msv sulfides

95+%, mod mag mg po, cp as segs and blebs, higher amt than normal?, chl incls

From	To	%Ni	%Cu	%Co	%Fe	%S
44	49	0.585	0.919	0.073		
49	54	0.619	0.517	0.088		
54	59	1.601	0.313	0.205	4.18	2.502

36-53 fg antho gabbro

65-70% plag-patchy, 10-15% antho, 15% bio, <5% hbl-v tiny clots, rextz sugary text, loc bio-mt schincl and peg vns, segs of qtz; metallurgical composite made by Hanna from this interval is quite different grade.

20% sulfides as veins, mod-weak mag po, abund cp segs, loc moly selvages

From	To	%Ni	%Cu	%Co	%Fe	%S
59	66.5	0.935	0.220	0.161	4.25	1.10	0.79
66.5	71.2	0.089	0.088	0.014		
71.2	76.0	0.357	0.151	0.044		
76.0	81.0	0.146	0.195	0.022		
81.0	86.0	0.292	0.613	0.052		
86.0	95.0	0.170	0.094	0.022		
95.0	99.0	0.482	0.163	0.030		
99.0	104.0	0.065	0.010	0.014		
104.0	108.0	0.804	0.094	0.117		

53-60.7 Msv sulfide vns, fg antho gabbro

60-80% plag, 0-20% antho, 10-15% hbl, loc bio

60% sulfides mandcg, weak mag po, cp as tiny blebs and segs

From	To	%Ni	%Cu	%Co	%Fe	%S
108.0	115.0	0.081	0.081	0.007		
115.0	120.0	0.179	0.207	0.029		

60.7-71 mg plag-bio-qtz pegmatite

qtz segs, 20% bio-cumm gab incls,

5% sulfides, inst segs, mod-strong mag po, cp as segs, blebs

71-101 mg cumm gabbro

65% plag-a few laths and 20% cumm have patchy text, 10% hbl clots intergrown w cumm, 5% bio, loc more as segs, loc sch incls, plag-qtz segs, top 3' shows "encritic" tex but little bz.

5% sulfides mostly as blebs, a few vns, weak to mod mag po, cp as tiny blebs-segs near edges of po blebs often

101-116.5 fg antho gabbro

E-1

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No.	Coordinate	Collar Elev.	Angle	Azimuth
				12,004	20,478	21,612	70	

Deposit Area 5
Drill Hole EDA-1
Logged by H. M. Parker
Date 1973
Page 2 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
		101-116.5 cont'd: 65-70% plag and 15% antho (loc cumm) have patchy text, 10% hbl clots, 5-10% b.o segs, loc schists, peg vns	12,004 — 20,48									
		5% sulfides - mostly as vns, few blebs, strongly magnetic										
		116.5-139 mg cumm gabbro		12,010	13,010		0:0.5 17	0:0.3 17	0 10 1.4			
		65% plag, 20-25% cumm, 10% hbl have patchy to talky text - in gen good rg tex., 5% b.o segs		13,010	14,010		0:0.4 10	0:0.3 17	0 10 1.4			
		2% sulfides, scat blebs, mod mag, cp as tiny blebs in po		140	151							
		139-145 altered m-cg gabbro was a cumm - bio gab, now 65% white plag, 35% hbl, dendritic text, loc carb, prehnite, tremolite?										
		145-165? ksp?-plag mysco bio pegmatite, gabbro incls 35% of intv is gabbro incls; 65-70% plag, 15% bio, 10-15% antho, ±rextz, patchy text, loc schists, carb vns, alt zones		15,110	15,610		0:3.7 14	0:2.9 16	0 10 5.9			
		4-5% sulfides as vns, mod-strong magnetic, cp as little blebs		156	166.7							
		165?-174 msv sulfides 95+% mg med mag po, cp as blebs; bio, chl, plag incls		16,617	17,415		1:3.6 15	0:7.0 15	0 12.3.5	46.4	28.3 10	
		174-195.5 fg cumm gabbro, schincls 65% plag, 20-25% cumm (antho loc?), 10% hbl, 5-10% b.o, loc mg patches with good rg text. 15% of intv is bio-ml schincls.		17,415	17,915		0:2.0 13	0:1.3 18	0 10 5.9			
		174-180 5% sulfides, 1% below; vns and dissem assoc w schincls, mod mag po.		179.5	195.5							
		195.5-204.5 fg cumm gabbro, schincls as above, bio-ml-(graph) schincls 5% strong mag dissem po		19,515	20,010		0.1.6 12	0:1.1 13	0 10 3.7			
				20,010	21,010		0:1.5 14	0:0.8 18	0 10 2.9			
				210	229							
		204.5-229 plag-bio-qtz-pseudosill schist plag-qtz segs; avg fol 15°, range 0-40°										

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-2
Logged by: H. M. Parker
Date: 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,180.6	1,960	2252	90	

		Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0-3'	01	0 / 3.3	till	0-3.3 overburden - glacial till	1,180.6	1,960									
			fg antho gab	As Core Below											
3-45	023	5		3.3-45.3 fg antho gabbro			3.3	8.10		0.431 9	0.321 7	0.10.5 9			
		fol. 45.3		50-60% plag and 25% v.lt. brn antho as patches, 10-15%			8.10	1,310		0.381 2	0.451 3	0.10.3 7			
45-52'	05	52.5	msv sulf	hbl-fg clots, 5-15% brn bio segs, loc sugary tex where			1,310	1,810		0.301 9	0.281 3	0.10.3 7			
				v fg, loc mg rextz, loc dark sch inels, plag-biopeg vns			1,810	2,310		0.391 0	0.301 2	0.10.4 4			
				10% sulfides as blebs and stringers, f-mg po, weak to mod magnetic, cp assoc w po, few isolated blebs, vnlts, fol			2,310	2,810		1.1.01 5	0.531 5	0.10.8 8			
			fg cumm gab	sulf at contact 45-66°			2,810	3,310		0.491 6	0.221 6	0.10.4 4			
							3,310	4,55		0.251 2	0.581 5	0.10.3 7			
				45.3-52.5 msv sulfides			4,515	5,215		1.80 14	0.151 7	0.1.6 1	49.81	30.912	
52-140'	021			95%, weak-mod mag m-fg po, cp as small blebs in po											
				a few segs, qar-chl inels.											
				52.5-139 gen fg cumm gabbro, loc rextz mg			5,215	6,215		0.1 710	0.0 715	0.1.0 4			
				65% plag and 25% cumm as patches, 5-10% hbl-augite			6,215	7,315		0.1 416	0.0 811	0.10.2 2			
				as small clots, 5-10% bio segs, loc dark gameliferous sch			7315	8915							
				inels, loc v/fg zones, loc antho, loc kspar-plag-bio-gt2-sinvile			8.715	9211		0.0 312	0.0 118	0.10.0 3			
		139	gmd contact	vns, gt2 vns, gradational lower contact			9,211	10,210		0.0 419	0.0 312	0.10.1 2		0.511	
140-160	022	140	m-cg eucrite	52.5-65': 5% sulfide, mostly assoc w schinels, as blebs			10,210	11,310		0.1 212	0.0 715	0.10.0 7			
				and vnlts, mod-weak mag po, tr cp?			1131	1214							
		160		65-126 1 2% sulfide			12,410	13,115		0.3.0 11	0.1 312	0.10.2 2			
160-170	021	166.2	mg cumm gab	126-139: 5% sulfide: scat blebs and vns of po and			13,115	14,010		0.1.5 14	0.0.9 14	0.10.2 2			
		170.5	Alt to chl gab	cp, assoc mostly w sch inels, mod strong mag po, cp			14,010	15,010		0.0.4 10	0.1 3 8	0.10.0 7			
			mg eucrite	as blebs w/in po.			15,010	16,010		0.2.3 16	0.1.3 18	0.10.1 4			
		184					16,010	17,010		0.98 19	0.0.8 11	0.10.0 7			
170-208	022		mg gab-eucrite	139-140 f mg cumm gabbro - gradational zone link-			17,010	18,010		0.0.5 17	0.0.5 10	0.10.0 7			
				ing units above and below:			18,010	19,210		0.1.0 15	0.0.7 15	0.10.0 7			
				65% plag - as it, 30% cumm - patch - poik, 5% fg hbl			19,210	20,210		0.0 410	0.0.6 19	0.10.0 7			
208-217	07	208	v fg gbnt/diab	clots			20,210	20 7 0		0.073	0.0.2 15	0.10.0 7			
217-221	024	213 / 214.5	hybrid	3" msv zone at bot: mcg, mod mag po, cp blebs			20,710	21,110		0.0811	0.0.7 15	0.10.0 7			
FOOTWALL							21,110	21,715		0.4311	0.0.5 10	0.1 92 2			
221-240	03	fol.	sch	140-160 mcg eucrite			21,715	22,215		0.0.2 18	0.1.0 10	0.10.0 3			
		240	bottom	140-50% plag - as it aggregates, 10-20% bz - oph - poik,			22,215	22715		0.5.4 14	0.0.5 10	0.10.2 9			
				25-30% cumm alt to chl loc., 10-15% aug - (hbl) - prob.			22715	24,015		—	—	—			
				augite from cleavage and lustre, loc talc eyes in cumm											
				160-139 5-10% sulfides - scat po blebs, cp in po, strong mag-											
				netic, loc plag - bio, peg-vns											
				160-166.2 mg cumm gabbro, somewhat rextz											
				50% plag - as it patchy, 35% cumm (loc bz) patchy, 15%											
				hbl-aug clots, 2-3% scat sulf blebs and stringers up to 2", strong											
				magnetic											

E-2

KNOX

DR

Deposit | Town | Co. | Lease No

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.	
166.2-167.5 v/g "diorite" dike	1.1.8.0.6	1.9.
60-70% plag, qtz, 25% bio segs, 5% hbl (small xtls), tr gar, irreg upper contact - horiz?, lower contact horiz		
167.5-168 qtz, calcite, epidote (after amph?) vn, horiz.		
168-169.3 alt mg gabbro		
plag alt to wh clay-serizik?, matrix alt to hbl (dk grn) and loc to epidote	rock texture	top pkg, 65% TTT
169.3-170.5 mg gabbro		
65% plag, 30% cumm-hbl as patches, 5% aug-oxides, rare qtz loc <5% sulfide, mod. mag po.	sulfide texture DISS.	
170.5-184 mg eucrite		
50% plag-irreg/basic, 20% bz, 15-20% cumm repl bz, 15% aug (hbl) clots and intergrown w bz., loc peg gabbro segs, loc plag-bio peg vns, loc schlieris, fracs at 172, 176 where alt as above		
2% scat and loc conc. strong mag po and cp blebs		
184-208 mg gabbro-eucrite		
50% plag-basic/patchy, 30% cumm and bz, 10% aug (loc hbl) subophitic clots, loc oph segs, lt qtz bio vns, fg gab inclsor dikes, near vert fracs w assoc sphrdize-chl alt		
2-3% scat inst strong mag po, cp blebs		
208-217 v/g qtz-diorite dike		
10% plag and qtz, 30% brn and blk bio (hbl?), loc f mg segs w more blk bio, 75° contact, few gab incls at top		
3% sulfide as blebs and stringers, mainly mod strong mag fg po		
216-217 plag ksp? serizik peg dike cuts diorik		
217-221 hybrid zone		
top: fine fol, 50°: plag 50%, 20% bio, 30% cumm, tr hbl below: bio, plag layg		
20% msv sulfide vns, mod-mag fg po, tr cp blebs, loc peg vns as above		
221-240 plag-bio-musco sch		
loc magnetic, f fol, 0-10°, plag qtz porphroblastic segs and layg w loc assoc tr cp.	sulfide texture DISS.	

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-3
Logged by H.M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,4,0,1	1,8,9,4	2,2,0,5	9,0	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-36 overburden - glacial till	1,2,4,0,1 / 1,8,9,4									
till		AX Core Below										
36		36-54 f and m g gabbro, mostly fg		3,6 10	4,4 10		0:2,4 14	0:2,0 17	010,1,4			
f,m g gab		60% plag and 25% cumm/anth - patchy, 5-10% hbl clots,		4,4 10	4,6 14		1:6,9 10	0:2,2 10	010,1,7			
		5% bio - flakes and segs, 5% sulfides - strong mag sl. ox., cp		4,6 14	5,1 14		0:1,7 19	0:1,3 18	010,1,4			
54		as segs		5,1 4	5,7 10		0:1,5 14	0:0,5 10	010,1,4			
peg, gab		54-74,5 pegmatite and gabbro		5,7 10	6,2 10		0:8,7 18	0:1,3 18	010,5,1			
		50% ksp, plag, qtz, bio, musc, peg; 50% gabbro: 65% plag and		6,2 10	6,6 13		0:4,2 12	0:2,7 10	010,2,2			
74,5		20% cumm patches, 10% hbl clots (alt to bio often), 5% bio		6,6 3	7,4 6							
f,m g gab		5% sulfides to 67 assays, mostly in alt gab, few in		7,4 16	8,4 10		0:0,8 11	0:1,4 14	010,0,7			
		peg; f-m g po - strongly mag, cp as segs		8,4 10	9,0 15		0:1,6 12	0:1,8 12	010,1,4			
				9,0 15	9,4 13		0:4,2 12	1:2,9 10	010,2,2			
104		74,5-104 f and m g cumm gabbro, mostly f-m		94,3	100,1							
m g gab		65% plag, 20% cumm/anth as patches, 10% hbl clots, 5% bio		1,0 10	1,0 15		0:2,0 13	0:2,5 12	010,0,4			
114		segs										
f g gab		2% sulfides - segs: f-m g po strongly mag, cp as segs		104,5	111							
				1,1,1 10	1,1,6 10		0:7,1 15	0:5,1 10	010,2,9			
139,5		104-114 m g cumm gabbro										
m g gab		65% plag - as ic, patchy; 20% cumm and 15% aug-hbl										
		intergrown, some i'g tex										
		114-139,5 f g cumm gabbro		1,1,6 10	1,2,1 14		0:3,0 11	0:2,8 19	010,1,4			
179,5		65-70% plag and 20% cumm (tabose) intergrown as ic patches		1,2,1 14	1,3,1 10		0:1,3 18	0:1,6 13	010,0,7			
		10% hbl clots, loc 5% bio, 2% strongly mag sulfide		1,3,1 10	1,3,9 14		0:2,4 14	0:3,1 15	010,0,7			
peg, gab		segs: f-m g po, cp as segs		1,3,9 14	1,4,3 17		0:1,3 10	0:2,5 18	010,0,7			
				1,43,9	145,6							
		139,5-179,5 m g cumm gabbro		1,4,5 15	1,5,7 10		0:1,3 18	0:3,0 18	010,0,7			
		65% plag and 20% cumm as patches, 5-10% hbl, 5-10% bio		1,5,7 10	1,6,9 11		0:2,4 14	0:3,7 11	010,0,7			
		segs, loc carb all, 5% peg, sch incls		1,6,9 11	1,7,9 15		0:1,2 12	0:1,7 10	010,0,7			
216		3-5% sulfides as blebs: mst magnetic po, cp=po?										
		high pn here?		179,6	207,1							
fg gab		179,5-216 pegmatite and gabbro		2,0 2 17	2,0 5 10		0:2,6 18	0:1,1 19	010,1,4			
		70% ksp, plag (qtz), chl) w loc cp, po blebs esp. 191		205	207,8							
		30% mg-meg gab incls: 60% plag and 30% cumm		2,0 7 18	2,1 1 19		0:2,6 18	0:1,1 19	010,1,4			
		as patches, 10% bio segs (loc more), tr hbl		211,9	216,8							
		3% sulfide assoc w gab incls: strong mag po, low cp		2,1 5 18	2,2 0 10		0:0,7 13	0:0,5 10	010,0,7			
				220	224,3							
		216-293 fg cumm gabbro, loc mg		2,2,4 13	2,3,0 10		0:0,5 17	0:0,3 17	010,0,7			
		50-60% plag and 30-40% cumm as patches, 10% aug-hbl		220	317							
Footwall		segs, 5% bio segs, loc sch incls: mt (graph) musco w spotty										
293		sulfides										

0-36' 01
36-54' 021
54-74' 04
74-180' 021
180-216' 04
216-293' 021
Footwall
293-317 03

E-3

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12401	18994	2205	90	

Deposit Area 5
Drill Hole EDA-3
Logged by H.M. Parker
Date 1973
Page 2 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
293		216-293 cont'd.										
fol	sch	216-230 1% sulfides, loc peg (<5%)										
317		288-293 1% sulfides - veins, mod mag fg po, cp segs.										
		293-317 plg bio musco sch loc fg gab dikes (20%), 10-15° contorted fol, bc 50-60°										

E-4

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-4
Logged by H.M. Parker
Date 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,240,8	2325	2090	90	

		Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
					5	10	15	20		25	30	35	40	45	79 80
0-4'	01	0													
		Till		0-4.2 overburden, glacial till	1,240,8	2325									
4-15	04	4.2 fg gab, peg		AX Core Below											
		14.5													
		m, m-cg cumm gab		4.2-14.5 fg (loc eucritic) gabbro, pegmatite											
				80% gabbro: 40% plag - asic patches, 40-50% cumm, 10% hbl,											
				0-10% bz (poss. bio?); 20% pegmatite: m-cg, ksp-plag-											
		fol		qtz-bio-musc											
				14.5-78 m, m-cg cumm gabbro (loc eucritic)											
				50-65% plag - lathy patches, 20-30% cumm patches, loc grass			0	92							
15-129	021			grn chl alt?, 10% hbl-aug - ophitic, 0-15% bz, 0-5% bio											
		78		loc poik tex; 5% peg vns, 60° fol											
		mg cumm gab, peg		78-129 mg cumm gabbro, pegmatite			92.10	94.18		0:0,2:4	0:0,3:7	0:0,1,4			
				75% gabbro: 60% plag asic/patchy, 25% cumm patchy,			94.8	160.15							
				10% hbl clots, 5-15% bio segs; 25% granitic (chl) peg, loc											
				schlincls, 1r sulf											
				92.5-95 bio-mt-graph sch											
				5-10% sulfide, strongly magnetic, rare cp blebs											
		129													
129-141	022	m-cg euc gab		129-141.5 m-cg eucritic gabbro											
		141.5													
141-154	04	m-cg gab/peg		60% plag - patches/laths 20% cumm, 10% bz and 10% aug											
		154		intergrown oph-poik, chloritic											
		fg talc-cumm gab		141.5-154 m-cg gabbro, pegmatite											
154-181	021			60% gabbro: 60% plag laths/patches, 20% cumm, 10-20% bio,											
		181.5		rare hbl, loc aug, loc all matrix repl by bio due to alt from											
181-196	03	sch incl		peg; 40% K spar - plag - qtz - bio - musc peg											
		196													
		fg gab, schlincls		154-181.5 fg gabbro			160.15	163.10		0:1,1:4	0:0,6:9	0:0,3,7			
				30% plag-patchy, 30% cumm and 30% talc patches, 10% hbl											
				clots, loc peg (10%) as above											
				160.5-163 sch incl as above w 5% sulfide											
196-267	021						163	181.4							
				181.5-196 sch incl			181.14	191.10		0:0,1:6	0:0,1:8	0:0,1,4			
				plag bio qtz-mt-graph; 5% po, oxidized			191.10	196.10		0:0,2:8	0:0,3:7	0:0,2,9			
				196-267.5 fg gabbro, sch incl			196	297							
Foliation				80% gabbro: 40-60% plag asic/patchy, 25% dk grn cumm (hbl?)											
		267.5		10% bk aug-hbl?, 5% bio clots; 20% schincl esp 225-											
avg fol.		sch		239, 1% sulfide in schincls											
		283.5		258-267.5 talcose											
267-297	03	lost													
		297		267.5-283.5 plag, chl, bio sch											
				loc mt, loc breccia and alt 269-270, crenulated 10° avg fol.											

E-5

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,6,0,3	1,8,0,6	2,2,9,8	9,0	

Deposit Area 5
Drill Hole EDA-5
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0												
0-18 01 till		0-18.5 overburden - glacial till	1,1,6,0,3 1,8,0,6									
18.5		Ax Core Below		0	18.5		0	0	0	0	0	
fg gab		18.5-79.5 fg gabbro, f-mg below 40'		1,8 15	2,9 10		0:0 45	0:0,3 17	0 10,2,9			
		65% plag, 25% antho, 10% bio (blk and red types, below 40'		2,9 10	3,9 10		0:0,4 11	0:0,2 18	0 10,1,1		1:016	
		rx is spotted w bio segs, <5% aug, loc gneissic plag		3,9 10	5,0 10		0:0,7 19	0:0,7 15	0 10,1,7		1:719	
		and Kspar peg, loc sch incls (5%) graphitic-sulf segs		5,0 10	5,9 10		0:0,4 13	0:0,2 13	0 10,1,2		0:8 11	
		3% sulfides assoc w sch incls, segs, vnlts - strong		59	64		0	0	0		0	
		magnetic		6,4 10	7,2 10		0:1,0 13	0:1,4 14	0 10,3,7			
				7,2 10	7,9 15		0:1,0 19	0:0,1 17	0 10,6,1		1:6 10	
79.5 m,m-c gab		79.5-113 m,m-c g gabbro		79.5	114.3		0	0	0	0	0	
		65% plag, 20-25% cumm-hbl? and bzt 10-15% aug-oph, 3% bio, loc 5-10%, tex similar to eucrites, loc rextz										
		113-160 f and m g gabbro		1,1,4 13	1,2,0 13		0:1,1 10	0:0,5 10	0 10,2,9			
113		65% plag and 25% cumm and/or antho as patches, 5% bio		1,2,0 13	1,3,0 13		0:0,3 14	0:1,4 14	0 10,1,4			
f,m g gab		5% aug and oxides, loc sch incls - oxide segs, loc rextz		1,3,0 13	1,3,5 16		0:2,6 18	0:1,7 16	0 10,5,1			
		5% sulfides: weak mag tg po segs and vnlts, ep as vnlts, sulfides mostly assoc w sch incls		1,3,5 16	1,4,0 16		0:0,6 11	0:1,1 19	0 10,2,9			
				1,4,0 16	1,4,6 10		0:4,8 17	0:1,1 13	0 10,6,6			
		156, 160 6" qtz vns		146	204		0	0	0	0	0	
		grad contact over 5 feet										
160												
m-cg eucrite		160-201.5 m-cg eucrite, loc fg										
		35-60% plag, 15% aug-ophitic, 20% bz-poik, 5-10% cumm										
160-201 022		loc qtz vns										
		190.5 4" alt zone plag alt to prehnite?, chl also present										
201.5												
		201.5-258 mg antho gabbro, loc fg		20,6 10	21,8 0		0:0,6 19	0:0,3 10	0 10,1,1		1:9 15	
mg antho gab		60-65% plag, 25-30% antho preom over cumm, 10% bio		21,8 0	22,7 11		0:1,1 12	0:0,2 13	0 10,1,5		2:2 11	
		5-10% aug and oxides, rextz kx, 2-3% ksp peg, numerous		22,11	22,4 19		0:2,4 17	0:2,7 17	0 10,4,4			
		graph-mt sch incls w sulfides		22,4 19	23,5 10		0:0,9 14	0:0,4 13	0 10,1,5		0:7 19	
		sulfides 3% except 5% 218-225, 245-255: fg strong		236	246.3		0	0	0		0	
201-258 023		mag po, cp as tiny blebs, segs, vnlts		24,5 13	25,5 10		0:3,2 11	0:2,0 17	0 10,3,7			
				255	271		0	0	0		0	
258		258-285 mg (loc me g) gabbro, eucrite		27,7 10	29,1 10		0:0,4 15	0:0,4 15	0 10,1,2		0:7 14	
		60% plag - inst patchy, some laths, 0-15% bz poik, 15-20% cumm, 5-15% aug-oph, loc sulfides in fracs										
		285-320 f and mg cumm gabbro, loc cg rextz		29,1 10	30,6 10		0:0,4 12	0:0,3 12	0 10,1,0		0:8 16	
258-413 021		60-65% plag, 25-30% cumm and/or antho, 5-10% aug-oxides, 5-10% bio, abund sch incls, small peg vns <5%		30,6 10	32,3 10		0:0,4 12	0:0,6 11	0 10,1,0		0:7 15	
strong 413-455 024				323	328		0	0	0		0	
455-525 08												

E-5

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-5
Logged by: H.M. Parker
Date: 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11603	18066	2298	90	

Depth (1"=40') | 20 % Sulfide 40 (visual) 60 80

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
320-413 cont'd:	11603	18066	345 10	347 0 10		0:0,113	0:0,017	0:0,09	0	8:617	
65-70% plag, 25% cumm (antho loc), 5-10% bio, 5% aug-			347 0 10	348 5 16		0:0,119	0:0,111	010,13		0:613	
oxides, abund sch and gn incls w sulf, graph, mt, loc rextz			348 5 10	400 16		0:0,116	0:0,110	010,11		0:615	
mg 355-364, vfg below 364 w less bio mod-strong mag sulf			400 10	401 5 16		0:0,117	0:0,019	010,12		0:415	
assoc w sch incls, lower contact difficult to call, 323-327: 40-50% plag inst, 20% cumm, 20% bio, and 15% aug opx, 3% sulf assoc w mt 353-355 strong mag po, cpx, varies, strong blebs.											
413-455 Hybrid zone			401 510	402 415		0:0,116	0:0,111	010,11		1:411	
70% plag, 25% hbl, <5% bio, locantho - a granofels, plag-bio-mt gn incls, 5% vfg sulfides strong mag (but could			424.5	530	0	0	0	0	0	0	
be from assoc mt)											
455-525 amphibolite											
plag-hbl-bio, loc gn-peg segs, thin lays 5-30° fol,											
loc plag bio 3" lays (diorite comp.?) of 2'											
525-530 granoblastic gneiss											
plag-gar-bio-chl, plag-qtz segs, loc serp?											

258 mg cumm gab-eue
285 f, mg cumm gab
320 f, vf cumm gab
413 hybrid grenofels
Footwall 455
amphib
525
530 bottom

E-6

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1,1,6,1,8	2,2,1,5	2,1,3,3	9,0

Deposit Area 5
Drill Hole EDA-6
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0												
-8 ≡ 01 till 7.6		0-7.6 overburden - glacial till	1,1,6,1,8	2,2,1,5								
f-mg cumm gab 8-28 021 27.5		Ax Core Below		0	13.9		0	0	0	0	0	
m-c eucrite 28-36 022 35.5		7.6-27.5 f-mg cumm gabbro		1,3,9	2,0,0		0:0,3,2	0:0,4,4	0:0,2,2			
mg gab		65% plag and 20-25% cumm patchy/basic, 5-10% aug oxides		20	21.8		0	0	0	0	0	
		clots, loc peg vns, graph-sch incls (15%), loc eucrite		2,1,8	2,4,1		0:0,4,2	0:0,4,4	0:0,1,4			
36-76 023		2% sulfides: v weak magnetic f-mg po, no cp?		24.1	46.1		0	0	0	0	0	
		27.5-35.5 m-c g eucrite		✓								
76		60% plag - asic laths/inst, 20% bz - poik, 10% cumm alt to										
mg hbl gab, peg, schinds		chl, 10% aug, inst, subophi, good ig tex, tr sulfides										
76-111 025		35.5-76 mg gabbro, loc fg		4,6,10	6,1,10		0:0,2,16	0:0,1,5	0:0,1,3		1:0,18	
		65-70% plag, 20-25% cumm-antho (loc hbl), 5% (loc 10%) bio		6,1,10	7,6,10		0:0,2,16	0:0,1,3	0:0,1,3		1:0,17	
111		(some "spotted" tex), 5% aug tiny clots, rextz		76	116.5		0	0	0		0	
		1-2% mod mag sulfides										
meg euc gab, peg schinds		76-111 mg hbl gabbro, pegmatite, sch inds										
111-154 025		gabbro 60-65%; 65% plag, 20-25% hbl w subord antho, cumm,										
		5% aug-ox, 5-10% bio. pegmatite 25%, sch incls 10-15%;										
154		70° bands in gabbro at 106' (relict amphibolite?), 3' near 84-										
		eucrite originally?										
f,m gab sch incls		111-154 m,m-cg eucritic gabbro, pegmatite, sch incls		1,1,5,10	1,2,6,10		0:0,2,11	0:0,1,15	0:0,0,8		2:2,11	
		gabbro 60% plag-laths, 10-30% cumm, 0-15% bz-poik, with		126	133		0	0	0		0	
154-222 025		5-10% aug subophi intergrowths, 0-20% bio; 15% sch		1,3,3,10	1,4,1,10		0:0,2,12	0:0,1,13	0:0,1,1		1:3,17	
		incls, 15% peg, intr highly alt'd by rextz but shows		141	199		0	0	0		0	
		eucritic tex.										
		2% sulfides assoc w sch incls, fg mod mag po, cp as tiny										
		segs										
222		154-222 f,m g gabbro, sch incls		1,9,9,0	2,0,7,10		0:0,1,15	0:0,0,16	0:0,1,0		1:0,5	
222-230 09 230	gn incl	65% plag, 25-30% cumm and/or hbl, 5-10% bio, v little		2,0,7,6	2,1,6,10		0:0,1,17	0:0,0,18	0:0,1,0		1:1,8	
		aug, loc gar; 20% sch and gn incls, also amphibolites? - have		216	222		0	0	0		0	
f,mg hybrid, schinds		plag hbl "spotted" loc fol gab w 10% bio										
		<1% sulfides - assoc w mt-graph sch incls, weak mag										
230-283 024		222-230 plag bio gtz gn incl		2,2,1,10	2,3,0,10		0:0,1,17	0:0,0,18	0:0,1,3		1:1,5	
		some ort?, 3-5% sulfides: mod mag po veins and tiny										
Footwall 283		dissem blebs, no cp		230	306							
		230-283 f,m g hybrid zone										
283-306 09	gn	high amphibolite component? 60-70% plag, 25-30% hbl as										

E-6

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-6
Logged by H.M. Parker
Date 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11618	2215	2133	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
283		283-306 plag-bio-graph-gar gn										
fol. gn		plag-qtz (gar) porphyroblastic segs, contorted 30-45° fol.										
306 bottom												

E-7

(11)

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-7
Logged by H.M. Parker
Date 1972
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				126 04	1985	2157	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0	0-63.2 glacial till - overburden	126 02	1985								
	Ax Core Below										
0-63 01	63.2-66.5 mg cumm gabbro										
	60-65% plag (yellgrn cast-sericite?), and 30% cumm interlocking tex, 10-15% bio as 1/4" segs, 2-3% hbl, few peg. dikes (high quartz), high bio suggests sch contamination										
	till										
	66.5-68 sch inds										
63.2	plag-chl-bio, f-fol, hw type sch?, near, cp po vnlts @ 68'										
66.5 68	have gar, less plag (plag alt to gar by Fe suff?, Also some later? pegma plag veining suff										
	fg cumm gab, sch inds, peg										
63-141 025	68-141 fg gabbro, sch inds, pegmatite		0	94		0	0	0		0	
flow tex?	60% plag, 25% cumm, 5-10% hbl, 10% peg, 15% sch inds		94 0	109 0		0.14 0	0.11 0	0 0 1 2		1.3 2	
	1% sulfide vns, segs, strongly magnetic		109 0	125 0		0.09 2	0.16 8	0 0 1 2		1.0 4	
	Unit has variable texture, loc mg on 2' intrs, loc 75° flow		125+	253		0	0	0		0	
	text. Paragen: mg zones represent blks of mush swept along, incr in bio near pegs (plag-qtz, minor po), some bio segs in fg gabbro. Bio forms at expense of cumm as rextz? Such zones have assoc po-cp (wet pockets of late stage melt? hi cp/po ratio, few qtz vns @ 78' These have chl react near them (no k, so no bio?)										
141	mg cumm gab										
141-187 021	141-187.5 mg cumm gabbro										
	60% plag, 30% cumm patchy, 10% aug-hbl, blk clots, plag may form segs or vns, elsewhere have interlocking tex., few small schlieren type qtz vns w chl alt, sharp upper contact										
187' 7-192 192' 024 Footwall 187.5 192	hybrid										
	187.5-192 hybrid gabbro, peg										
	peg and peg'ized gab (bio-plag (cumm), swirls and segs of plag, peg: plag-qtz-bio (chl); sch inds in gab: 191-192 gneissic w plag porphyroblasts, 1/2" graph segs										
192-228 03	sch										
228'	fol.										
	192-253 plag, bio, qtz, musco (psuedosilli) sch										
	loc chl, gar, graph, fg amphibolites, musco-fibrolite and chl occur together, a few scat red gar, none in bio-plag sch areas, 0-20° fol - crenulated, few specs sulfides										
228-243 09	gn										
253	Below 228 less bio, more gneissic - the decussate gn unit of S. end? 1' of this @ 246										
	240-243 plag-qtz musco ksp peg										
	bottom										

(12)

E-8

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-8
Logged by H. M. Parker
Date 1972
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12591	1791	2288	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0	0-91.4 overburden - glacial till	12591	1791									
	Ax Core Below											
				0	91.4		0	0	0			
	91.4-93 msv sulfide (90%)			91.4	93.1		1.272	0.693	0.059			
0-91 01	weak mag po, cp stringers, chl incls, minor gar, few bio segs-blk			93.1	95.5		0	0	0			
	3" antho-cumm-bio w 15% dissem sulfide at contact											
	93-95.5 ksp? plag qtz peg											
till	abund schincls (bio-gar segs)											
	95.5-96 bio-antho-cumm reaction zone			95.5	100.5		0.463	0.693	0.044			
91' 94.4	96-98 meta peridotite											
91-105 05	75% cumm, talc, 20% hbl? after aug, some chl w cumm											
105' 105.5	15% sulfides: po, mod mag and cp dissem 1/4-1/2" xtls.											
fg gab												
121	98-99 "f"g qtz plag bio peg											
105-149 021	m, m-cg cumm gab											
141	99-101.5 Same as 96-98			100.5	105.5		1.052	0.409	0.088			
149 149	10% sulfides 1/8-1/4" inst & vnlt											
				105.5	149.1		0	0	0			
149-171 025	101.5-102.5 msv sulfide											
	95%, weak mag po, minor cp stringers, usual incls											
171 171	102.5-105.5 fg gabbro											
	15% stringers of sulfide											
171-220 021	105.5-121 fg gabbro											
	65% plag, 20% antho/cumm, 5-10% hbl, 5% bio, grad contact below											
	<3% sulfides - loc blebs and stringers											
220' 220.5	121-141 m, m-cg cumm gabbro											
220-236 05	60% plag ind? to relict pyx, sometimes cloudy, 20% cumm, 10-15%											
236' 233.2 236	aug-hbl?, 5% bio, loc 10%, loc plag-aug? segs which											
236-251 023	appear rextz w specs of sulfide, loc qtz ksp (white opaque)											
251' Footwall 251	pegs w usual reactions in gabbro											
253												
	141-149 fg cumm gabbro											
	40% plag, 50% cumm, 10-15% fg bio, cut by numerous											
251-320' 09	qtz vns and pegs, chl near qtz vns											
	1% sulfide, occurs inst, strong mag											
	149-171 f, mg gabbro, pegmatite, schincls			149.1	155.8		0.561	0.346	0.059			

E-8

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-8
Logged by: H. M. Parker
Date: 1972
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12591	1791	2288	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
253 fol.		149-171 cont'd: 40% qtz, ksp? plag bio peg, loc gar,	12591	1791									
	gn	apatite (green glassy?), 10% sch incls; plag gn (loc gar)											
		149-155.5 10% sulfide vns and segs, strong											
		magnetic											
fol.		171-220.5 f-mg cumm gabbro			2150	2200		0.097	0.052	0.012		1.313	
		65-70% plag, 15-30% cumm, 5-10% bio, loc 2-3% hbl-			2200	2261		1.609	0.403	0.117			
		ilm; 5% peg vns, 5-10% sch incls, loc banded			2261	2269		0	0	0			
		215-220 2% sulfides, mod mag segs											
320	bottom	1% sulfides rest of interval											
		220.5-233.2 f, mg gabbro			2269	2290		0.080	0.060	0.014		1.27	
		60% plag and 25% cumm/antho patches, 10% hbl clots, 5% bio			2290	2332		1.146	0.138	0.095			
		loc cumm bio pd, peg											
		30% sulfide: msv and dissem, also vns; vcg strong mag											
		po, cp as blebs, remob of cp near pegs.											
		233.2-236 sch incl, barren mafic gabbro			2332	2403		0.130	0.096	0.016		1.78	
		236-251 mg antho gab			2403	2484		0.252	0.119	0.037			
		65% plag, 25% antho, 5% hbl, 5% bio; gabbro shows patchy			2484	2506		1.894	0.094	0.110			
		rextz text.			2506	320		0	0	0		0	
		233.2-256 12% sulfides, strong mag po, blebs of cp											
		in po, sulfides as inst, stringer, msv.											
		251-253 Contact zone - gneissic, composed as below											
		253-320 plag-chl-musc-sericite-bio-qtz gneiss											
		porphroblastic qtz, v little or no bio below 260'											
		60° fol to 263, 0-20° below											

E-9

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-7
Logged by H.M. Parker
Date 1972
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12574	1592	2384	90	

Depth (1"=40') | 20 % Sulfide 40 60 80 100 (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0											
0-138.0 overburden - glacial till	12574	1592				01	01	01	01	01	
AX Core Below											
1380-158 plag, chl, bio, musc sch (hanging wall) some musc fibrolite after sill?, loc graph, loc clay and Fe_2O_3 alt and brecciation of peg. white kaolin alt of feldspar, grn-yell bio, tr py											
158-168 lost hole in fault zone? no recovery, Wyke indicates poss. sand? from holes nearby fault zone is best interpretation			1								

till

138 — hanging wall sch

158 — lost, fault zone?

168 — bottom

0-138 01

138-168 03

FAULT @ 158'

E-10

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,6,0,6	1,9,6,0	2,2,4,3	7,0	

Deposit Area 5
Drill Hole EDA-10
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0													
01		0-18.8 overburden - glacial till	1,1,6,0,6	1,9,6,0									
18.8	till												
21' — 21.5	mg gab	Ax Core Below											
04	peg												
34' — 33.8	mg gab	18.8-21.5 mg cumm gabbro (loc oxidic)											
46.0		70% plag patches of laths, 20% cumm (loc bz), 5% bio,											
	fg cumm gab	5-10% aug inst - loc segs, loc Fe stain in fracs											
021		21.5-33.8 plag qtz bio gneissic peg											
		trpo											
		33.8-46.0 mg gabbro (similar to 18.8-21.5)											
87' — 87.5		65-70% plag, 20-25% cumm and/or antho patchy,											
	peg	rextz where antho present, 5-10% bio, 5% aug ox											
04		0% sulfides, scat dissem blebs.											
110 — 110					0	48		0	0	0	0	0	
	mg anthogab peg	46.0-87.5 fg cumm gabbro			4,8	5,8		0:0,5	0:0,1	0:0,1		2:2	7
025		60-65% plag, loc 50%, 20-25% cumm (loc 30-40%)			5,8	6,7		0:0,4	0:0,2	0:0,1		1:8	9
130' — 130		lesser amts of antho 5-10% bio, some segs 5-10% rt/or aug			6,7	7,3		0	0	0	0		
		clots, scat schists w graph-mt-sulfides			7,3	7,9		0:0,5	0:0,1	0:0,1		1:9	14
		3% Sulfides, fg strong mag, tr-fg cp blebs, veins and			7,9	8,8		0:0,2	0:0,1	0:0,0		0:7	15
	m/fg cumm gab, schists	assoc w sch incls			8,8	9,9		0:0,4	0:0,6	0:0,1		1:5	18
					9,9	10,9		0:0,8	0:0,2	0:0,1		2:8	19
		87.5-110 plag qtz bio (Ksp, musc) gneissic peg			10,9	11,2		0:8,1	0:1,9	0:0,8			
		loc gab incls			11,2	12,3		0:0,5	0:0,4	0:0,0			
		2% sulf vns and segs, strongly magnetic			12,3	12,6		0:5,5	0:0,6	0:0,7			
		110-130 mg antho gabbro, peg											
		85% gabbro: 65-70% plag, 20-25% antho, 5-10% bio											
		5% aug-oxide clots, numerous sch incls, mt-graph-gar-sulf											
		10% peg: as above, more ksp, musc (loc pmatite)											
		5-10% sulfides mg strong magnetic, cp as blebs											
130-236 021					126.5	134.5		0	0	0	0	0	
		130-236 m, fg cumm gabbro mostly mg, schincls			13,9	14,9		0:0,5	0:0,4	0:0,0		2:1	10
		60-70% plag bundles of laths or asic, 20% cumm, loc hbl, bz patch			14,9	15,8		0:0,2	0:0,1	0:0,0		0:8	11
		5-10% aug and ox subophitic clots, numerous (15-20%) sch and			15,8	17,3		0:0,2	0:0,1	0:0,0		1:1	13
		gneissic incls, assoc sulf vns and segs, strong mag, cp as			17,3	17,6		0	0	0	0	0	
		tiny blebs in rx'd incls, rx'd loc rextz, but gen good rx'd ex, quartz positive			17,6	18,7		0:0,4	0:0,1	0:0,0		2:5	1
236 — 236		sulf incls usually 10% sulf, sulf content: 130-140 1-2%, 140-158 4%, 158-171 2%			18,7	20,0		0:0,2	0:0,1	0:0,1		1:4	1
frac.	fg/fg gab schists	171-207 5%, 207-236 2-3%			20,0	21,1		0:0,3	0:0,1	0:0,0		1:9	14
236-270 025					21,1	21,7		0:0,1	0:0,0	0:0,0		1:0	15
270' — 270		236-270 f-rf g gabbro, schincls			217	221		0	0	0	0	0	
270-282 022	mg cumm gab	65% plag, 25% cumm intergrown patchy, 5% bio, 5-10% aug			22,1	22,9		0:0,1	0:0,0	0:0,0		0:9	13
282 — 282		oxide clots, loc rextz up to 15% bio, 25-30% schincls			229	236		0	0	0	0	0	
		(some gneissic), could be rextz contaminated zones, 244 vert frac			23,6	24,2		0:0,2	0:0,2	0:0,0		1:1	10

E-10

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-10
Logged by: H. M. Parker
Date: 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11606	1960	2243	90	

Depth (1" = 40') — 20 40 60 80 100 % Sulfide (visual)

Depth	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
282												
282-300	270-282 mg eucrite	11606	1960	24.7	25.3		0.05	0.02	0.009		2.01	
300-305	55% plag patchy (inst to laths), 10% cumm, 20% bz oph			25.3	26.3		0.11	0.06	0.044			
300' 305	10-15% aug suboph, loc bio and hbl near pegs			26.3	27.0		0.04	0.03	0.009		1.6	
				27.0	28.2		0	0	0	0	0	
	282-371 f and m g gabbro			28.2	29.2		0.06	0.07	0.012		2.51	
	65% plag and 25% cumm-hbl patchy, 5% bio loc more,			29.2	30.0		0.02	0.01	0.009		0.8	
	5-10% aug-oxides - small clots, 319.3: 1/2" qtz carb vn 80°			30.0	30.5		1.60	0.23	0.110			
	323-338 loc serp and carb as scat fracs, 347 8" diabase dike			30.5	31.3		0.11	0.10	0.019		3.91	
305-371	282-300 3% sulfides - mostly ms, mod mag, 1/2-1" cp			31.3	33.0		0	0	0	0	0	
	segs, 300-305 msv zone 90-95%, mod mag m-cg po, cp			33.0	33.4		0.06	0.13	0.009		2.53	
	as small segs, plag qtz gar incls, 305-345 2½% sulfides,			33.4	34.0		0	0	0	0	0	
	veins and segs, assoc w sch incls, strong mag, cp as segs.			34.0	34.3		0.03	0.04	0.009		1.25	
	345-371 <1% blebs.			34.3	34.5		1.02	0.08	0.095			
371' 371				34.5	38.4		0	0	0		0	
371-384	371-384.5 mg eucritic gabbro			38.4	39.4		0.01	0.00	0.009		0.8	
384' 384.5	65% plag patchy asix laths, 0-15% bz and 10-25% cumm											
	oph, 10% aug and oxides suboph, 2% bio, fracs at 60°											
384-427	w serp and carb, cumm alt to hbl,											
024 serp. carb fracs	tr sulfides											
	384.5-427 fg hbl gabbro, sch incls			39.4	41.0		0.00	0.00	0.007		0.9	
427 Footwall 427	65% plag, 10% antho, 20% hbl-cumm, 5% bio, loc gar, high			41.0	41.7		0	0	0		0	
427-439	bio, peg, numerous sch-gneissic incls, hybridization			41.7	42.7		0.00	0.00	0.005		0.6	
03 439												
	427-439 plag, gar, bio, qtz psnedosilli (sch?)			42.7	43.9		0.00	0.00	0.009		1.6	
	loc serp, plag-qtz segs, loc chl, 0-25° fol											

Depth (1" = 40') — 282 — 300 — 305 — 371 — 384 — 427 — 439

Depth (1" = 40') — 282 — 300 — 305 — 371 — 384 — 427 — 439

f, mg gabbro — 300 — 305 — qtz carb vn — 371 — 384.5 — 427 — 439 — Footwall — fol. — sch? — bottom

E-11

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-11
Logged by H.M. Parker
Date 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12404	2158	2119	90	

Depth (1" = 40') | % Sulfide (visual) 20 40 60 80 100

Depth	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0-21	0-21.5 overburden - glacial till	12404	2158							
21.5	Ax Core Below									
21-41	21.5-41 f-mg cumm gabbro									
41-45	65% plag asic, 20% cumm (patchy), 5% hbl clots, 10% bio segs, loc cg, amost pucritic									
41		0	43.6		0	0	0	0	0	
45-99	41-45 mg granodiorite peg	43.6	48.3		0.829	0.430	0.088			
45-99	few ksp phenos?, loc musc	48.3	53.0		2.097	1.341	0.191			
45-99	5% sulfides - vns, mod mag po, cpas blebs	53.0	58.0		2.300	0.784	0.264	51.6	31.28	
45-99		58.0	63.0		2.105	1.037	0.191			
45-99	45-99 msv sulfides	63.0	68.0		2.016	0.759	0.183			
45-99	90% mg po 45-75 weak mag, 75-99 mod mag, cp as blebs, segs, few fg bio gab incls, chl incls	68.0	73.0		2.170	1.037	0.176			
99		73.0	78.0		1.955	0.784	0.161			
99-179		78.0	83.0		2.243	1.088	0.220	55.2	35.26	
99-179	99-179 fg cumm gabbro, sch incls	83.0	88.0		2.235	1.063	0.176			
99-179	gabbro 85%: 50% plag and 25-30% sl talcose cumm have patchy tex. 5-10% bio segs, 15% hbl clots; 15% sch incls:	88.0	93.0		2.235	1.088	0.183			
99-179		93.0	99.4		1.829	0.708	0.161			48.3 - 99.4'
99-179	plag, bio, graph mt, loc plag-chl sch incls	99.4	109.0		0.148	0.095	0.017		2.51	51.1 2.11 0.89 0.19
99-179	2-3% sulfides in sch incls	109.0	125.0		0.041	0.156	0.010		0.515	
99-179		125.0	140.0		0.047	0.077	0.011		0.610	
179-212	179-212 plag, chl-bio, musc, graph, mt sch	140.0	155.0		0.078	0.099	0.013		1.18	
179-212	v contorted avg fol 40°?	155.0	179.0		0.035	0.029	0.009		0.413	
		179	212		0	0	0		0	

Footwall 179

179-212 avg. fol 03 sch

212 bottom

(24)

E-12

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,220.4	1,974	2,178	90	

Deposit Area 5
Drill Hole EDA-12
Logged by J.M. Parker
Date 1972
Page 1 of 3

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0			1,220.4	1,974											
0-18	till	0-18 overburden - glacial till													
18	gabbro	AX Core Below			0	2.3		0	0	0	0	0			
18-72	msv sulf	18-19 f-mg cumm gabbro			1,810	2,310		1:5,112	1:6,414	011,47			TR	0.2	
	fg gab	60% plag asic and 20% cumm patches in interlocking tex, 10% aug-hbl (prob. latter since shiny) subophi													
		5% dissem po (weak mag) and cp blebs (irregular), cpas small blebs in po and segs.													
72-78	peg	19-42 f-mg msv sulfides			2,310	2,810		2:0,917	0:7,314	011,69					
78-97	f-mg cumm gab	95%+, weak-mod magnetic (variable) po, cp as blebs			2,810	3,310		2:1,816	0:6,518	011,76	5.6:81	3.5:416			
		mostly, some stringers, few 1" gab inds as above.			3,310	3,610	3.0	2:0,312	0:7,018	011,69					
		(36-41 core loss, ground up)			3,61	4.11	5	1:7,61	1:0,112	011,51					
		42-72.5 fg gabbro, loc mg			4,110	4,710	6.0	1:4,817	1:3,116	011,32					
		65-70% plag, 15-25% cumm ± antho, 5-10% aug-hbl			4,710	5,410	7.0	0:4,319	0:7,018	010,59					
		<5% bio, few plag segs			5,410	5,910		2:0,516	0:6,813	011,69					
97-149	f-mg gab, peg	30% msv and stringer sulfide, v weak mag (mostly)			5,910	6,310	4.0	1:5,210	0:5,812	011,25					
		po, cp as blebs and large segs or stringers, loc dissem			6,310	6,710	4.0	1:3,117	0:2,012	011,10	4.9:10	1.5:8	0:8.5	0:1.4	
		sulf, rounded blebs @ 62, 70.5', have more mafic rx, swirled			6,710	7,410		0:4,511	0:3,219	010,51					
		tex, few fg inds 48.2, 53													
72.5-78	f-mg peg	72.5-78 f-mg pegmatite			7,410	8,410		0:0,615	0:1,517						
		plag, qtz, bio, musc w gabbroinds													
		65% plag, 20% cumm, 15% bio rextz, 3% po, cp v rare													
		po > cp 2:1, po is mod mag.													
78-97	f-mg (variable) cumm gabbro	78-97 f-mg (variable) cumm gabbro			8,410	9,010		0:0,316	0:0,516						
		60-65% plag, 15-25% cumm, 15-20% bio patchy tex,			9,010	9,710		0:0,218	0:0,317		3.0:10	0:1:4	0.1.5.		
		loc rextz, loc antho, loc no bio (90% plag, 30% cumm), peg as above													
		2% sulfide, strong mag cp-po rare assoc w peg													
97-149	f-mg gabbro, peg (as above)	97-149 f-mg gabbro, peg (as above)			9,710	10,210		1:5,214	0:4,515	011,32					
		gabbro loc v mafic as 119.5' 80% cumm 20% hbl? (greenish)			10,210	10,710		0:6,714	0:6,017	010,51					
		loc schlincls, 137-149 30% cumm, 10-15% plag, 5% hbl			10,710	11,410	7.	1:2,413	0:1,717	011,03	17:10	1:1:6	0:3.9	0:1.0	
		(cummall to chl)			11,410	12,010	6.	0:0,218	0:0,414						
		35% sulfides to 113, 10% below! Stringers, msv, dissem,			12,010	12,610	6.	0:5,316	0:1,011	010,59					
		po slight-mod mag (mod in peg zones), cpas veins and blebs			12,610	13,110		0:4,212	0:7,516	010,59					
					13,110	14,110		0:3,117	0:1,010						
149-201	f-mg cumm gab	149-153 fg cumm gabbro			14,110	15,110		0:2,111	0:0,619						
		60% plag, 25% cumm loc antho, 10% bio, 5% hbl vf needles,													
		swirled 70-80°, chill zone?, loc graph sch inds, loc tr vfg													
		disseminated po													

E-12

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-12
Logged by H.M. Parker
Date 1972
Page 2 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12204	1974	2178	90	

Depth (1"=40') | % Sulfide (visual): 20 40 60 80 100

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
153-155 plag-qtz-bio-musc pegmatite	12204	1974											
loc chl-bio-plag-sch, KSp ? in peg?, 45° slump lower													
contact bellow, 60° shear contact above													
155-164 cg cummgabbro													
20% cumm, 10% aug, 60% plag, 5-10% bio, rextz somewhat													
loc lr segs after oli?													
164-175 f-mg cummgabbro													
60% asic plag and 20% cumm patches, 10% aug clots,													
10% bio (surrounding aug, less toward bot), rextz lov													
175-184 Similar to above but:													
65% plag - patchy, 25% cumm - patchy, 10% aug - 1/4"													
ophitic, no bio													
184-194 m-cg cumm gabbro													
65% plag white-asic patch interlocked with 20% cumm,													
10% aug clots, 5% bio, rextz lov													
loc sulf blebs													
194-201.5 f-g cumm gabbro													
60% plag - asic, 25-30% cumm, 10% aug-hbl, (loc rextz to													
f-mg, and there has 10% bio, loc po, cp)													
201.5-224 f-g cumm gabbro, sch-gneiss													
60% gabbro: as above, loc rextz 207-212 dioritic													
plag-hbl-bio, 40% sch-gneiss													
204 4" msv sulfvn, weak mag po, cp stringers													
2% sulfides overall													
			151	224		0	0	0	0	0			
224-240 gneiss and pegmatite			22410	22917		0.0316	0.0310	0100 8		0.511			
gneissic plag, bio, musc, loc gar, plag porphroblasts, head-			22917	23510		0.4311	0.9111	0104.4		1	TRNIL		
cheese kx peg: ksp, plag qtz, bio, musco, cuts sulfides in			23510	23815		0.1612	0.3119	0102.7		3.514			
gn and f-g gabbro as above			238.5	248		0	0	0	0	0			
230-240: 5-10% sulfides strong mag, cp as segs													
240-256 schist													
plag, bio, chl, musc, loc plag porphroblasts, 10-15° fol, loc													
gabbroic zn 244-245' (spotted bio-chl plag), may be													
gabbro intrus that has reacted, 249-256 contorted, loc plag-qtz													
porph segs.													
256-277 schist													

E-12

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-12
Logged by H.M. Parker
Date 1972
Page 3 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12204	1974	2178	90	

Depth (1" = 40')	20 40 60 80 100 % Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
		256-277 contd: straight (rx partially rextz to a gneiss)	12204	1974									
		277-278 vfg cumin gabbro											
		60% plag, 30% cumin, 10% qtz eyes											

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(15)

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-13
Logged by: H. M. Parker
Date: 1972
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12199	2225	2130	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0-18	01	till	12199	2225									
	18' — 18.4												
3-38	021	fg cumm gab, schincls			0	184		0	0	0	0	0	
	38' — 38.5				184	2810		0.061	0.044				
38-57	04	f-mg cumm gab, schincls, peg			2810	3710		0.195	0.069				
	57 — 57												
7-72	03	sch-gn incl, fg gab											
	72 — 72												
72-94	022	mg eucritic gab											
	94 — 94												
94-115	04	schincl, peg, mg gab											
	115 — 115												
		mg gab											
15-154	021 134 141	mg cumm gab											
		f-mg gab											
	154 — 154												
154-189	04	mg gab, schincls, peg											
	189 — 189												
89-222	05	fg gab											
	222 —												
222-223	021				37	103.5		0	0	0	0	0	
223-228	223 — 04 223.5				103.5	111.0		0.085	0.042	0.015		1.72	
228-233	228 Footwall 024 233.5	peg, schincls, mg gab			111.0	115.0		0.276	0.170	0.029			
					115.0	125.5		0.074	0.059	0.013		0.33	
233-252	03	sch			125.5	189.5		0	0	0	0	0	
	252	bottom											

Description:

0-18.4 Overburden - glacial till

AX Core Below

18.4-38.5 fg cumm gabbro, schincls
90% gabbro: 65% plag, 30% cumm, <5% bio, loc rextz
to f-mg gabbro: 70% plag, 20% hbl, 10% bio
10% schincls: bio, plag, hbl, qtz; plag-qtz segs,
loc graph
3% sulfides: mod mag po; dissem po, cp in
rextz gabbro, schincls

38.5-57 f-mg cumm gabbro, schincls, peg
50% gabbro: 70% plag, 20% cumm, 10% aug-hbl 1/16"
segs, vague interlocking tex; abund (30%) schincls: with
gabbro chilled 1-2', more enorth nearby. 20% peg dikes,
gabbro nearby rextz to mg: 60% plag, 25% cumm-chl,
15% bio, minor hbl - interlocking text
tr sulfide for intr.

57-72 sch-gneiss incls, fg gabbro
sch gn: bio, plag, hbl; loc insipient peg, fg gab as
17.4-38.5
<5% po

72-94 mg (loc cg) eucritic gabbro
60% plag asic, partially repl, 25% cumm patches (5-10%
opx), 15% aug oph clots 1/8-1/4", rx is rextz near schincls
and insipient pegs, cumm + hbl → chl + bio?
tr po

94-115 schist, peg, mg gabbro
schist 40%: plag, bio, graph; peg 20%: qtz, musco,
feldspar, gabbro: as above mg rextz near incls and peg
99-101 pd: 60% cumm, 20% hbl, 20% plag
2% sulfides mod magnetic, po:cp = 3:1 in peg
loc 15% po in sch incls

115-134 mg gabbro
65-70% plag, 20-25% cumm/antho?, 5% hbl, 5% bio
loc schincls, loc insipient pegs, gen rextz patch tex.
1-2% sulfides, located in schincls

134-141 mg cumm gabbro, loc eucritic

E-13

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-13
Logged by: H.M. Parker
Date: 1972
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12199	2225	2130	90	

Depth (1"=40') 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
131-141 cont'd: 10-15% aug oph	12199	2225									
141-154 f-mg gabbro											
60-65% plag asic-repl, 25% cumm patches, loc antho											
10-15% aug-hbl v small xtls, 5% bio											
tr po											
154-189 mg gabbro, sch incls, peg											
85% gabbro: 60% plag, 25-30% cumm/antho, 5-10% bio, loc											
10-20%, 5-10% hbl; 15% graph sch incls and insipient peg											
189-223.5 fg gabbro, (loc mg rextz)			1895	2020		0.280	0.148	0.034		3.014	
65% plag, 25-30% cumm/antho, 5-10% bio, tr aug?			202	252		0	0	0		0	
192.7-193.5 msv sulf: cg po mod mag											
193.5-193.8 mt, po, graph, gar chl, plag, qtz sch incl											
189-202 15% sulf in sch incls, rest of intv											
has 1% sulfides, strong mag											
223.5-228 pegmatite, sch incls											
peg: qtz, plag?, bio, chl; sch incl: bio, plag, have both											
brn and blk bio											
228-233.5 mg cumm gabbro											
55-60% plag, 30% cumm, 10-15% bio, rextz, patchy tex,											
tr vfg po-dissem											
3" fg chillzone at bottom 65% plag, 30% cumm, 5% bio											
233.5-252 schist											
plag, bio, musc, qtz w plag-qtz-musc porphroblastic											
lays, loc mt, vfg graph-conductive, 15-35° fol.											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-14
Logged by H.M. Parker
Date 1972
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12200	19044	2214	90	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au Ag	Deposit
0-30.1 overburden - glacial till	12200 19044										
AX Core Below											
		0	30.1	0	0	0	0	0	0		
30.1-108.2. msv sulfides		30.1	35.0	A-9	2:1.66	1:2.710	011.61				
95+% 1 mg po, mod magnetic, 5% cp as stringers-blebs		35.0	40.0		2:2.315	1:0.018	011.47				
loc oxide segs (mt?), chl-cumm plag inclds		40.0	45.0		2:5.76	1:5.214	011.91				
		45.0	50.0		2:2.912	1:1.314	011.76				
108.2-116 mg norite gabbro		50.0	55.0		2:3.16	1:2.710	011.83				
40-50% asic plag, 20% cumm, 10% bz, 10% hbl clots, tr bio		55.0	60.0		2:2.314	1:3.918	011.91				
10-15% sulfides mod mag po, cp, sulfides occur as inst		60.0	65.0		2:2.618	0:8.414	011.76				
blebs, some blebs cut by plag needles		65.0	70.0		1:8.718	1:3.711	012.20				
		70.0	75.0		2:2.76	1:1.618	011.61				
116-148 msv sulfides		75.0	80.0		2:2.716	0:9.615	011.69				
85%, mg, weak-mod mag variable, po, 3% cp stringers, few blebs; qtz, plag, chl inclds		80.0	85.0		2:2.012	1:2.119	0220				
119.5-120.5: rextz gab incl: 50% asic plag, 35%		85.0	90.0		2:3.714	1:0.411	011.69				
cumm, 15% bio clots (after aug hbl?), similar occur. @ 143		90.0	95.0		2:3.616	1:4.212	0120.5	55:81	33:217		
where 20% bio repl cumm also		95.0	100.0		2:2.414	0:9.113	011.76				
140.5-141.5: mg peg plag, qtz, bio, stringers of py		100.0	105.0		2:2.414	1:0.313	011.83				
cp.		105.0	110.0		1:9.66	0:9.312	011.69				
146-147: peg: ortho, musc?(green), bio, gar, po, cp		110.0	115.0		0:8.718	0:8.715	011.10				
segs and stringers		115.0	120.0		1:8.512	1:0.512	011.61				
		120.0	125.0		1:9.518	0:9.119	011.03				
148-149 pegmatite, mg gabbro		125.0	130.0		1:9.012	1:8.219	011.61				T.R.N.I.L
peg: 148-148.5 as 146-147; gabbro as below but 10-30% bio		130.0	135.0		2:2.912	0:9.010	011.91				
reaction near peg		135.0	140.0		2:2.814	0:6.611	012.05				
		140.0	146.0	8.0	1:5.014	0:7.516	011.76	1:1.719	2:1.10	1.1.0 0:1.7	
149-157 mg cumm gabbro, loc norite		146	240		0	0	0	0	2.6.3		
60-65% plag asic-patch, 25% cumm patches, loc bz,											
10-15% aug-subophitic clots, tr bio, 154.5 plag-qtz vn											
157-160.5 ksp, qtz, bio, musc, chl peg 60° upper, 0° lower contact											
2" msv po wsp veins into peg @ 159											
160.5-166 mg cumm gabbro											
60% plag, 35% cumm, 4.5% hbl, tr-5% bio; plag and cumm											
are patchy, hbl is subophitic, bio as segs, diffuse text											
166-184 mg cumm gabbro											
65% plag and 35% cumm - prismatic patches, interlocking slightly											
<2% hbl loc needles, 2-3% loc bio, rextz tx, loc cg											
166-167 fg granular tx: 60% plag, 30% cumm in texture											
patches, 5% bio (loc segs)											

Lithology column: till; msv sulf; mgeuc gab; msv sulf; peggab / mgcumm gab; peg; mgcumm gab; mg cumm gab; fmg cumm gab; fg cumm gab; alt fg gab; lg cumm gab; asbestiform gab; hybrid zone norite, schists; sch; bottom

Footwall 263

01 (30-30.1)
05 (30.1-108.2)
04 contacts (148-160)
021 (160-240)
05 (240-245)
024 (245-263)
03 fol (263-280)

E-14

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-14
Logged by H.M. Parker
Date 1972
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,220,0	1,904	2,114	90	

Depth (1"=40') | 20 40 60 80 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
184-186.5 f-mg gabbro	1,220,0	1,904									
60%plag, 15-20% cumm, 15-20% anth, 1-2% ilm, patchy text.											
1-2% dissem po, mag esp near sch. inds; 186' v fg sulf and ilm dissem											
186.5-187 fg cumm gabbro											
60%plag, 30%cumm, 5-10% aug-hbl; patchy tex to basic, chill zone w sch inds											
187-194 fmg cumm gabbro											
60% plag, 25% cumm, 10% hbl-aug, tr bio, patch. asc text, loc fg zones as above, loc minor sch inds, loc rextz w/ 1/4" patches of cumm-chl?											
194-210 fg cumm gabbro											
65% plag, 30% cumm interlocking patches, 5-10% aug-hbl clots (±1/16"), loc bio assoc and replaces hbl-aug, loc rextz, loc sch inds											
tr po, cp tiny dissemblebs											
210-220 altered fg gabbro											
65% ass patchy plag, 25% anth, 10% hbl blk, loc sch inds, gen rextz to fmg, bleached											
220-240 fg cumm gabbro											
Same as 194-210, loc rextz, qtz vns											
240-245 msv sulf, pegmatite, fg gabbro, sch inds			24,010	24,510		0:9,716	0:3,814	0:1,10			
40% sulfs as msv and stringers; weak-mod mag po, most mag in sch inds, cp as stringers, small blebs; 25% peg: plag, qtz, bio, gar; gabbro 20%; sch inds 15%			245	280		0	0	0	0	0	
245-263 hybrid zone											
80% fg diorite: bio, plag, gar, sugary tex, loc more? anorth gab: 60% plag, 20% cumm, 20% hbl; 20% gneissic sch; small plag-qtz porphyroblasts in bio matrix											
263-280 schist											
plag, bio, musc, graph, qtz w plag-qtz porphyroblastic segs and lays, loc crenulations, garnets 20-50% fol											

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KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-15
Logged by H. M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				124.12	221.3	211.9	90	

Depth (1" = 40')	Depth	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0-15	01	till	0-15.4 overburden - glacial till	124.12	221.3									
15-21	05 (15.4-21)	msv sulf	Ax Core Below											
						0	15.4	0	0	0	0	0	0	
21-53	021	f, mg cumm gab, schincls	15.4-21 msv sulfides			15.4	21.1	5.7	2.146	1.014	0.235	0	0	
			95% ±, mod-strong mag po, cpas blebs, sl oxidized, chl incls											
53-61	04 (53-61)	peg	21-53 f, mg cumm gab, schincls			21.1	27.0		0.063	0.035	0.011		1.10	
61-69	05 (61-69)	msv sulf	70-80% gabbro: 50-65% plag and 25-40% cumm			27.0	37.0		0.097	0.060	0.016		1.71	
69-71	04 (69-71.5)	peg	(loc takose?) patchy text, 10% hbl clots, 0-15% bio loc			37.0	47.0		0.154	0.116	0.021		2.50	
		fg cumm gab, schincls, peg vns	more; 20-30% schincls: plag, bio, loc chl, graph, mt w 5-10% sulf			47.0	53.0		0.149	0.087	0.021		2.09	
71-111	021		1% sulfide for intv			53	57.5		0	0	0		0	
			53-61 pegmatite			57.5	60.8		0.264	0.056	0.035		4.19	
111-133	04 (111-133)	mcg eucrite, peg	perthitic ksp, plag, qtz, bio, chl; loc sulf vns (2% for intv), strong mag po, cpas blebs											
			61-69 msv sulfides			60.8	69.4	8.6	2.129	0.648	0.205	52.8	32.61	
133-181	021	f, mg cumm gab, peg, schincls	strong mag to 64, weak 64-69, cpas blebs, few segs, chl, gar incls, loc plag, bio											
			69-71.5 pegmatite			69.4	76.0		0.130	0.088				
			as above, but more mg granodioritic toward bot, loc sulf vns - 3% mod-strong mag sulfides											
181-194	03 (181-194)	m, m-c gab, schincls	71.5-111 f g cumm gabbro, schincls, peg vns											
194-201	Footwall 024 (194-201.5)	hyond sch gabbro	75-80% gabbro: 50% plag and 40% cumm patchy text, 10% hbl clots, loc mg rextz; 10-15% schincls, bio; 10% peg vns: ksp, qtz plag musco, bio											
201-242	03 avg fol?	sch	tr sulfides, mt, graph											
			111-133 m-cg eucrite, pegmatite											
	235	lost?	85% eucrite: 60% plag, 15% bz and 15-20% cumm with oph text, 10% aug-hbl intergrown w bz, loc			76	141		0	0	0	0	0	
	242	bottom?	bio near peg; 15% peg: granitic type w chl and bio											
			133-181 f, mg cumm gabbro, pegmatite, schincls			141.0	146.0		0.394	0.056	0.073			
			75% gabbro: 65% plag and 20% cumm - patchy text, 15%			146	150		0	0	0	0	0	
			bio segs, tr hbl clots (1-2%), gen rextz text; 20% peg,			150.0	154.0		0.398	0.138	0.059			
			5% schincls			154	155		0	0	0	0	0	
			10% sulfide segs and vns - mod-strong mag			155.0	159.0		0.146	0.069	0.051			
						159	164		0	0	0	0	0	

E-15

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-15
Logged by: H. M. Parker
Date: 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12412	2213	2114	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
181-194 cont'd:	12412	2213	1690	1730		0.406	0.252	0.073			
80% gabbro, probably once a Eucrite: 65% plag-lathy segs,			173	177		0	0	0		0	
20% cumm (loc bz), 15% bio, tr-3% hbl; 20% peg:			1770	1860		0.080	0.079	0.017		1.81	
porphroblastic plag, qtz, chl, bio			186	242		0	0	0		0	
194-201.5 hybrid sch, fg, cumm gabbro											
35% sch: fg, fol, hybrid 60% plag, 20% bio, 20% cumm?											
15% gabbro: 65% plag, 25% cumm, 10% hbl											
201.5-235 schist											
plag, chl, musc, gar w plag-qtz segs; 10 c mt, graph											
sulf (po), contorted diffuse fol. avg 20°?											
Note: Wyke's log indicates total depth may have been											
242; If so core for 235-242 missing											

E-16

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-16
Logged by H.M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No. = Coordinate		Collar Elev.	Angle	Azimuth
				1,2,3,0,4	2,0,5,9	2,1,2,2	9,0	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0			1,2,3,0,4	2,0,5,9									
0-21	01	till											
		0-20.8 glacial till – overburden			0	20.8		0	0	0	0	0	
20.8		A X Core Below											
		msv. sulf			20.8	26 10	s²	2;1 4 6	1;0 1 14	0;2 3 5			
21-54	05	20.8-54 msv sulfides			26 0	3,1 10		2;0 4 8	1;1 9 17	0;1,3 9			
		95%, mg pe, mod mag; cpas blebs mostly, few segs; plag chl, gar incls			3,1 10	3,6 10		2;2 5 9	0;8 0 16	0;2 0 5			
					3,6 10	4,1 10		2;1 5 9	1;0 3 13	0;1 8 3			
54		fg cumm gabbro, schincls			4,1 0	4,6 10		2;2 4 3	1;2 7 12	0;1 6 1			
		85-50% gabbro: 60% plag, 25-30% cumm (loc anhed), 10%			4,6 10	5,3 18	1.8	2;3 0 18	1;0 0 11	0;1 9 1	3,3 1 0	2;2 1 0	1;0 5 0;1 9
71		hbl, 5% bio; loc mg; 10-15% mt-graph schincls			5,3 18	7,1 10		0;1,1 5	0;0 5 19	0;0 1 7		1;7 1 7	
		mg cumm gab			7,1	9,9 1		0 1	0 1	0 1	0 1	0	
83		2-3% sulfides to 5%, 1% below, strong mag											
		fg cumm gab											
		71-83 mg cumm gabbro											
98		mg cumm gab											
		50% cumm large patches, 35% plag patches, 10% hbl clots in cumm, 5-10% bio segs											
112													
112-125	04	Kspeg, gabincls											
125		112-125 Kspegmatite, gabbro incls											
		85% peg loc hm, chl, 15% gabbro: recrystz cumm, bio inf type, gneissic at bottom											
		f-mg cumm gabbro											
		83-98 f-g cumm gabbro											
		65-70% plag patches, 20-25% cumm, 10% hbl clots, 5% bio flakes, 1% sulf, loc blebs, mod mag, few sch incls, peg dikes											
		98-112 mg cumm gabbro			9,9 10	1,1 0 10		0;0 5 15	0;0 6 11	0;0 1 2		1;7 1 4	
		60% plag, 20-25% cumm v. lt. gra, 15-20% bio, recrystz			1,1 0	30 8		0	0	0	0	0	
125-250	021	ext, loc sch incls - plag, bio, graph, mt, less bio, more cumm, hbl toward bottom of intv											
		2% strong mag sulf, esp 99-110											
187		mg cumm gab											
		112-125 Kspegmatite, gabbro incls											
		85% peg loc hm, chl, 15% gabbro: recrystz cumm, bio inf type, gneissic at bottom											
207		f,mg cumm gab, peg, schincls											
		125-187 f-mg cumm gabbro											
		60% plag, 20% cumm as patches, 10% bio segs, 0-5% hbl											
		loc dioritic zones: 60-70% plag, 15-30% hbl, 10-25% bio,											
		5% gar - patchy ext, 5% sch incls for intv											
		1% sulfides assoc w schincls, loc blebs elsewhere											
250													
		f-mg anth gab, schincls											
250-279	023	187-207 mg cumm gabbro (loc m-cg), peg dikes (anth gabbro)											
		60-65% plag and 25% cumm (patchy), 10% bio segs											
		5% hbl vfg clots, few fg zones of recrystz gab, minor (10%)											
279		peg dikes, loc sch incls w strong mag sulf											
279-290	024	hybrid zone											
	Footwall												
290		207-250 f,mg cumm gabbro, pegmatite, schincls											
290-308	03												

E-16

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-16
Logged by H.M. Parker
Date 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12304	2059	2122	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
290		207-250 cont'd: 5-10% bio, tr-5% hbl; 15-20% ksp	12304	2059									
sch		pegs; 15% schinds											
308		1% sulfides as vnlts in schinds											
bottom													
		250-279 f-mg antho gabbro (loc mg), schinds											
		75% gabbro: 65% plag and 25% antho (patchy), 5-10%											
		hbl-oxides, 5% bio; 25% biotitic schinds											
		279-290 hybrid zone											
		50% diorite: 60% plag, 40% bio (hbl?); 30% bio sch,											
		20% ksp peg.											
		290-308 schist											
		plag, bio, psuedosilli; qtz, (chl) gar sch, crenulated											
		10-20° fol, loc mt-graph											

E-17

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-17
Logged by H.M. Parker
Date 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12299	2159	2084	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0-16	01	till	12299	2159									
		Ax Core Below			0	16		0	0	0	0	0	
16-96	05	msv sulf			16	21		1.918	1.279	0.161			
					21	26		1.837	1.285	0.191			
					26	31		2.097	0.737	0.213			
					31	36		2.016	0.762	0.205			
					36	41		1.739	0.472	0.191			
					41	46		1.430	0.579	0.161			
		96-128 fg mafic gabbro, sch incls			46	51		1.577	0.730	0.169			
		80% gabbro: 60-70% cumm and 20% plag as patchy			51	56		2.227	0.882	0.220	56.0	35.25	
		sheafs, 10% hbl rfg clots, 5-10% bio; 20% bio, chl			56	61		2.113	0.957	0.213			
		sch incls, loc peg (<5%)			61	66		2.292	1.272	0.220			
96-128	021	fg mafic cumm gab, sch incls			66	71		2.162	1.140	0.205			
					71	76		2.276	0.932	0.191			
					76	81		2.016	0.837	0.213			
		128-176 hybrid zone			81	86		2.048	0.749	0.191			
		35% gabbro and 25% sch incls, both have 50% bio and			86	91		1.983	1.020	0.205			
128-176	024	hybrid gab, sch, peg			91	96		2.032	0.850	0.183	80.0	1.99	0.91 0.20
		gab w vlt cumm			96	101		0.382	0.157	0.066			
		tr sulfides			101	115		0.122	0.089	0.015		1.46	
					115	128		0.092	0.057	0.012		1.09	
		176-188 hybrid schist			128	196		0	0	0	0	0	
		plag, chl-cumm gar qtz, no fol - marbled text											
Footwall 176-188	024	hybrid sch											
188-200	03	sch											
		lost bottom											

(20)

E-18

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12303	1957	2175	90	

Deposit Area 5
Drill Hole EDA-18
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S		Deposit
0			5	10	15	20		25	30	35	40	45		78 80
01 till		0-15.9 overburden - glacial till	12303	1957	0	15.9		0.1	0.1	0	0	0.1		
15.9		Ax core below												
04 pg		15.9-40 pegmatite			15.9	23.0		0.1.45	0.0.570	0.0.1.8	0.1	1.9.9		
40		ksp, plag, qtz, bio (some large segs), musco peg; 5%												
mg cumm gab		cummgabbro: 60-65% plag, 25-30% dk grn cumm,			28.5	33.0		0.3.419	0.1.718	0.10.3.7	.0.1	3.113		118.-0-85'
		10% bro clots, 5% hbl oxides (22.6-28.3, 36-38 lost)			33.10	36.10		2.1.416	0.7.419	0.1.6.1	0.1			
021		15% sulfide vns, mod mag, cp as segs			35.10	40.10		1.44.7	0.94.15	0.1.1.3.2	42.8.1	26.318	SLUDGE SAMPLE	
					38.10	42.10		0.0.1.19	0.0.615	0.10.0.7	0.1	0.212		
		40-85 mg cummgabbro (loc eg where highly renal)			42.10	52.10		0.0.98	0.1.711	0.10.1.1	0.1	0.713		
		60% plag, 25% cumm aspatches, 5-10% hbl intergrown			52.10	65.10		0.0.9.5	0.1.317	0.10.1.2	0.1	0.712		
85		w/ cumm, loc aug segs, 10% bio segs, 1-2% sulfide blebs			65.10	70.10		0.8.219	0.2.415	0.0.6.6	0.1			
f,mg cumm gab		to 65, weak mag, 65-85: 5% blebs, few vns, mod mag,			70.10	80.10		0.0.917	0.1.216	0.10.2.9	0.1			
		cp as segs in separated blebs often			80.10	85.10		0.3.910	0.1.819	0.10.5.1	0.1			
85-145														
85-145 021		85-145 f,mg cumm gabbro, loc diorite			85.10	100.10		0.0.714	0.0.415	0.10.1.3	0.1	0.917		
		gabbro: 65% plag and 20% cumm aspatches, 10% bio segs,			100.10	110.10		0.1.013	0.1.114	0.10.1.2	0.1	1.210		
		5% hbl clots; diorite (94-96), dike w chill contacts, w/ plag,			110.10	130.10		0.1.117	0.1.016	0.10.1.4	0.1	1.514		
		25% hbl, 10% bio, 5% gar; 1% bio mt graph schinds			130.10	145.10		0.1.117	0.1.312	0.10.1.4	0.1	1.516		
		2% sulfide blebs, vns, strong magnetic; 1/4" pent,												
145		in rnat 128.			145.0	265 → 1000		0	0	0	15.9.1	4.0.10	2A.1' 0.6.2 0.29	0.05
mg cumm gab														
45-166 021		145-166 mg cumm gabbro			166.0									
166		60-65% plag, 20% cumm, 10% bio, 5-10% hbl, 151-152												
fg cumm gab, schinds, peg		hbl alt of gabbro (matrix → hbl)												
		1% sulfides as occurs vns, strongly magnetic												
166-229 021		166-229 fg cumm gabbro, schinds, pegmatite												
		70% gabbro: 65% plag and 20-25% cumm aspatches												
		5% hbl clots, 10% bio flakes and segs; 20% schinds;												
		10% ksp, musc (loc sericite), gar peg												
		1% sulfides - assoc w schinds, mod magnetic												
229														
f-mg cumm gab		229-255 f-mg cummgabbro												
229-255 021 frac.		60% plag, 20% cumm aspatches, 5% bio, 10-15%												
255		ophitic hbl-aug segs - dishinchia, more bio near base												
255-264 024		85° frac @ 249'												
hybrid zone		tr sulfide - local blebs												
264 Footwall 264.0														
264-286 03		255-264.6 hybrid zone												
sch		65% f-mg anthogabbro: 65% plag, and 20-25% anthro as												
286 285 3/8 lost bottom		patches, 5-10% hbl, 10% bio segs, loc mg; 20% peg-gr												
		15% plag, bio cumm? sch												

E-18

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EOA-18
Logged by Harry Parker
Date 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12303	1957	2175	90	

Depth (1"=40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
2646-285 schist	12303	1957									
plag, bio, qtz; loc pseudosilli, gar, mt, poorly fol.											

(21)

E-19

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-19
Logged by Harry Parker
Date 1972
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,1,0,4	2,0,5,8	2,1,9,5	9,0	

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Au	Ag	Deposit
0			1,2,1,0,4 / 2,0,5,8											
01 till		0-16.2 overburden - glacial till												
16.2		AX Core Below												
mg cumm gab				0	51		0	0	0		01			
		16.2-65.5 mg (loc m-cg) cumm gabbro		51 10	62 10		0:1,1 10	0:0,4 14			2:6 16			
021		65% plag (pathy crystals-not aggregates), 20-25% cumm, close to bz, 10% aug subophclots, 5-10% bio clots esp toward bot, loc fg cummsegs, gabbro has some rg tex, 40-51.5 microcline peg (also perth)! musc, bio, chl		62 10	65 10		0:1,0 16	0:0,5 13	01:0,1 5		0 1			
65.5 msv sulf		1% sulfide, mod mag 37-51.5		~										
05		3% sulfide, mod mag 51.5-65.5												
82.5 84 fg gab														
04 peg		65.5-82.5 msv sulfides		65 10	70 10		1:8,5 13	0:7,0 5	01:4,7					
95.2		95 1/2, mg, weak-nonmag (loc mod mag) po, cpus		70 10	75 10		2:0,3 12	0:8,0 10	01:0,3					
mg eucr gab		amoeboid blobs, loc gabinels w bio selvage between sulfides and gabbro, also chl, plag, amph? incls		75 10	80 10		2:1,8 16	0:9,3 12	01:1,7	5,5:6	3,3:9 16			
				80 10	85 10		1:5,7 17	1:2,3 14	01:2,5			T.R. N.I.L.		
									2,0 4 0		1:9 1	0:9,2	0:1,2	
022		82.5-84 fg cumm gabbro rextz plag, vns of sulfide w bio reaction rim between sulfide and gabbro												
		84-95.2 pegmatite		85 10	90 10		0:3,3 13	0:1,8 12	010,2,9					
		gneissic plag, biotite type w 5% sulfides: vns nonmag mg peg hi gh cp, some bio sch (w service after plag?) incls, loc gar.		90 0	95 10		0:0,1 16	0:0,0 16	1 0					
170														
f-mg gab		95.2-170. mg eucritic gabbro		95 10	100 10		0:8,4 15	0:2,1,1 4	010,0,6					
021		65% plag, 10-30% cumm, 10-15% bz oph, 10% aug-hbl subophloc bio; text variable, loc v. igneous, plag is asic except where rextz, more cumm and rextz below 140, loc sch incls, aug segs, diorited. bz, 150-170 cg rextz, chlak, loc sulf spinel		100 10	105 10		0:7,9 16	0:2,3 19	010,5,1					
				105 10	110 10		0:3,2 15	0:2,2 16	010,3,7					
206 hybrid diorite schists				110 10	120 0		0:2,0 13	0:1,5 11	010,2,2					
024		95-120 10% sulfide: 1/3 C, few blebs esp toward bottom, few msv vns, fg po-weak mag, cp conc in local zones, 105 moly parting		120 0	139 5		0	0 1	1 0		0			
Footwall 220.5 sch				139 5	145 10		0:7,9 16	0:2,0 17	010,2,2					
03 225														
09 qtz		120-139 1% sulfide, mod mag		145	178.5		0	0	0	0	0			
238.5		139-145 5-10% sulfide blebs, mod mag f-mg po, cp blebs in po												
fol. sch														
03														
259.7 last bottom		170-206 f-mg gabbro		178 5	188 10		0:0,6 13	0:0,4 19	010,1,2		1,0 14			
		60% plag - asic and 15% cumm (loc anhio) as patches, 10% hbl-aug clots, 15% bio segs, loc peg (191-196), loc graph sch incls w sulfides, loc rextz bx		188 10	198 10		0:2,0 18	0:1,5 15	010,2,4		3,5 10			
		179-198 2% sulfides, strong mag, dissem inst blebs												
		1' core loss at 195'												

D-16

6-66

6-89

34-95

35-170

70-206

206-221

225

221-225

225-239

239-260

E-19

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12104	2058	2058	90	

Deposit Area 5
Drill Hole EDA-19
Logged by H.M. Parker
Date 1972
Page 2 of 2

Depth (1"=40') | 20 % Sulfide (visual) 400 800

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au Ag	Deposit
204-220.5 hybrid diorite, schists	12104	2058										
diorite: 70% plag, 15-20% bio 10% hbl?, sugary tex, loc peg, qtz vn												
			198	221		0	0	0	0	0		
220.5-225 schist			221.0	226.0		0.75 16	6.1.7 12	0.0.6 6			T.R. 0.2	
bio, musc, pseudosilli, pseudoandalusite, serp(glz), gar			226.0	231.5		0.0.8 11	0.0.2 15	0.0.1 4				
10° fol contorted			231.5	238.5		0.7.7 12	0.4.6 16	0.0.6 6				
222-225 80% sulfide: f-mg po, weak-mod mag,			238.5	259.7		0	0	0	0	0		
v high cp (20%) segs, qtz, plag, gar incls, v bund spinels			~									
225-238.5 bio gneiss												
plag, gar, qtz porphyroblasts, loc dioritic												
15% sulfides: weak-mod mag f, mg po, cp as blebs in po, qtz, gar incls; sulfides form vns, also dissem												
238.5-259.7 schist												
plag, bio, mus, (pseudosilli and pseudoandalusite), chl; plag qtz segs, 35° fol-contorted crenulations, loc gneissic text, loc epi, loc sericitic peg, loc (minor) sulf vns - strong mag												
Note: Wyke's log shows total depth of 260', no core available for last 3' however.												
			NOTES	No assays: 120-139 between 2 good assays								
				No assays 6 ft. wide 30 ft below								
				145 - 179.5 mineralized								

E-20

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12102	1958	2236	90	

Deposit Area 5
Drill Hole EDA-20
Logged by H.M. Parker
Date 1973
Page 1 of 1

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0													
0-24		0-24.1 overburden - glacial till	12102	1958									
01	till												
		Ax Core Below											
24.1					0	24.1		0	0	0	0	0	
	msv sulf	24.1-81 msv sulfides			24.1	29.0		2.27.6	0.97.0	01.1.0			
		95%: mcg po, weak mag except 53-73 (mod mag), cp as blebs and segs, chl incls, loc peg @ bottom w chl			29.0	34.0		2.33.5	1.1.2.7	01.1.4.7			
4-81					34.0	39.0		2.14.6	1.0.2.6	01.1.3.2			
05					39.0	44.0		2.20.3	1.1.3.4	01.0.8.8			
		81-116 f, m g cumm gabbro			44.0	49.0		2.1.7.0	1.0.0.8	01.1.3.2	5.4.4	3.4.5.5	
		60-65% plag and 25% cumm (loc antho) patchy-textr			44.0	54.0		2.0.8.1	0.9.9.5	01.1.1.7			
		lex, 5-10% hbl clots, loc 5% bio, 5% peg: ksp, plag, qtz,			54.0	59.0		2.1.7.0	1.1.6.5	01.1.2.5			
81		bio, musco			59.0	64.0		2.1.1.3	0.5.1.0	01.1.3.2			
	f, m g cumm gab	5-10% sulf vns, blebs to 10%: gen mod mag po,			64.0	69.0		2.3.8.1	1.4.9.3	01.1.6.1			
		cp as blebs, segs, qtz blebs in sulfide @ 107			69.0	74.0		2.4.4.6	1.1.7.1	01.1.6.1	5.6.8	3.6.1.6	
31-116					74.0	79.0		1.6.0.1	0.8.1.9	01.1.3.2			
021		116-176 f, m g anthe gabbro			79.0	84.0		1.3.6.5	0.3.4.0	0.1.0.8.8			
116		65% plag and 25% anth (loc minor cumm) patchy text,			84.0	89.0		0.3.0.1	0.1.0.1.7	01.0.1.5			
	f, m g anthe gab	5% hbl clots, 5-10% bio segs, 2% sulfides, mostly assoc			89.0	94.0		0.2.6.4	0.1.0.1.7	01.0.2.9			
		w loc sch incls carrying mt-graph			94.0	99.0		0.1.2.6	0.0.6.9	01.0.2.2			
					99.0	104.0		0.3.0.9	0.1.5.1	01.0.4.4	7.0	4.6.2	
		176-206.5 mg cumm gabbro			104.0	109.0		0.9.8.3	0.4.1.5	01.0.7.3			
16-176		60% plag and 25-30% cumm (loc b2) as patches,			109.1	126.1		0	0	0	0	0	
023		10% hbl-oph segs, 0-5% bio segs (loc 10%), loc ext,			126.0	140.0		0.0.7.1	0.0.7.1	01.0.1.3		2.0.1.6	
		strong fol.			140.1	278.1		0	0	0	0	0	
176													
	mg cumm gab	206.5-259 f, m g gabbro, sch incls, pegmatite											
76-206		80% gabbro: 60-65% plag, 25% cumm/anth, 5% hbl, 5-10%											
021		bio, o/k-rich qtz, mg rich qtz haloed bio, 10% bio, gar, chl sch											
206.5		incls, 10% gneissic ksp peg											
		rare sulf blebs											
	f, m g gab, sch incls, peg	259-277 plag, bio, qtz, pseudosilli; sch											
206-259		fine fol, avg 30°											
025													
	Footwall 259												
259-277	03 avg fol. sch 277 lost 279												

(25)

E-21

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,210 5	1,857	2,272	90	

Deposit Area 5
Drill Hole EDA-21
Logged by H.M. Parker
Date 1973
Page 1 of 2

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Deposit
0		0-23.4 overburden - glacial till	1,210 5	1,857	0'	23.4'	0	0	0	10	0	0		
01														
till 23.4		23.4-41 mg anno gabbro												
mg anno gab 023		65-70% plag laths, patches, 20-25% antho (loc cumm patches)			23 14	30 10		0:1 38	0:0 8 11					
41		0-5% hbl-aug, 5-10% bio segs; loc eucritic, rextz,			30 10	40 10		0:1 2 12	0:1 0 10					
f-mg cumm gab 021		fg 2-3% sulfide-dissem blebs: mod mag, po, cp as tniy segs.												
67		41-67 f-mg cumm gabbro			40 10	50 10		0:1 3 14	0:0 6 19	1				
m-cg cumm gab		65% plag asic, 20% cumm (loc antho) patches, 10% hbl patches,			50 10	59 10		0:0 6 19	0:0 8 11	1				
		5% bio patches, loc peg, schinels			59 10	64 10		0:2 4 18	0:2 4 15	01 0 2 9				
		41-50 1-2% dissem sulfide			64 10	69 10		0:4 0 16	0:1 7 16	010 3 7				
67-130 021		59-67 5% blebs, mod mag, loc strong			69 10	74 10		0:2 0 17	0:2 3 19	01 0 2 2				
					74 10	84 10		0:1 5 10	0:5 3 15	010 2 2				
		67-130 m-cg cumm gabbro			84 10	94 10		0:1 0 15	0:1 1 13	010 1 4				
		65% plag, 25-30% cumm (loc antho) as patches,			94 10	99 10		0:7 3 9	0:7 5 16	010 5 9				
		5% hbl, loc 5% bio, loc fg zones; rextz text, 3' pegat bottom			99 10	104 10		0:4 1 14	0:2 4 15	010 4 4				
		67-102 5% sulfides ± blebs and segs assoc w sch			104 10	11 5 10		0:0 5 13	0:1 1 13	1				
130		inds; 102-130 1% sulfides			11 5 10	12 6 10		0:0 9 17	0:1 0 10	1				
msv sulf 05					126 0	130 10		0 1	0 1	10	0 1	0 1		
146		130-146 msv sulfides			130 10	135 10		2:1 7 10	0:7 4 19	01 1 7 6				
f-mg matic cumm gab		cg weak mag po, apass segs			135 10	140 10		2:4 7 19	0:9 6 13	01 1 6 9	5 8 0	3.5 7 12		
					140 10	146 10		2:6 9 11	0:7 8 11	01 1 7 6		1.6 10	T.R. 2:4.1 0:8.3	
146-186 021		146-186 f-mg cumm gabbro, matic			146 10	151 10		0:1 8 13	0:2 0 17	01 0 2 2				
		40-60% plag - asic/patchy segs, 30-50% cumm patch-aggregates, 10% hbl segs and tiny clots, 10% bio segs, loc talc pd zones, 2% scat sulf blebs and segs - mod magnetic			151 10	161 10		0:0 3 19	0:0 3 10	01 0 1 2		0:4 16		
186					161 10	171 10		0:0 9 12	0:0 5 12	01 0 1 4		0:8 15		
peg, fg cumm gab 025		186-222 pegmatite, fg cumm gabbro												
222		85% peg: plag (cloudy white - big phenos), ksp, qtz, bio, musc, and loc chl; gen fg gabbro 15%: 50% plag, 30% cumm, 20% bio												
~~222~~ ~~025~~		222-313 fg antho gab, fg diorite gab, schinels, peg			24 3 10	24 8 10		0:5 4 14	0:1 7 10	01 0 4 4				
		45% antho gabbro: 70% plag, 20% anno, 10% hbl (could be bio), sugary tex. 25% fg diorite gab: 65% plag, 20% bio, 10-15% hbl (or blk bio?), ± 5% gar, 20% schinels, 10% peg			24 8 10	25 9 10		0:1 0 10	0:0 5 12	01 0 2 1		1:8 13		
		2% sulfide vns and segs, mod-strong mag po, cp as segs.			28 4 10	29 7 10		0:0 8 17	0:0 6 18	010 1 6		2:1 10		
		313-330.7 hybrid sch												
		plag, bio, pseudosilli; loc chl; indistinct fol. 40°												

E-21

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole EDA-21
Logged by H.M. Parker
Date 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12105	1857	2272	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
222												
222-313	024	hybrid zone; fg ano gab, fg diorite gab, schists, peg										
Footwall 313												
313-331	03	hybrid sch; fol. 330.7; bottom										

(26)

E-22

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-22
Logged by H. M. Parker
Date 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,9,0,2	1,9,5,8	2,2,2,4	9,0	

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0			5	10	15	20		25	30	35		40	45		60
	till	0.0 - 28.7 overburden - glacial till	1,1,9,0,2	1,9,5,8											
		AX core Below													
					0	28.9	0	0	0	0	0	0			
28.7	msv sulf	28.7-54 msv sulfides			2,817	3,410	5.3	2:1219	0:9710	01:161					
		95%, eq mod mag po, ep ¼" blebs, segs, vnlls, chl incls			3,410	3,910		1:9216	1:0319	01:191					
					3,910	4,410		2:0316	0:9017	01:191					
54		54-70.4 fg cumm gabbro, pegmatite			4,410	4,910		2:1113	1:1917	01:205					
	fg cumm gab, peg	70% gab bro (65% plag, 20% cumm (lt yell grn), 5-10%			4,910	5,410		2:1318	1:0011	01:198	5,6:41	3,5:319			
		hbl-aug, 5-10% bio segs, loc mg; rexture tex; 30%			5,410	5,910		0:2217	0:1716	01:051					
70.4		peg: plag, qtz, bio, gar			5,910	6,410		0:1318	0:0619	01:015					
		2-3% scat sulfide segs, mod magnetic			6,410	7,010	6.0	0:2610	0:1017	01:022					
					7,010	7,510		1:9617	0:6919	01:176					
	msv sulf	70.4-153 msv sulfides			7,510	8,010		1:9012	0:9119	01:161					
		90%, weak mag po, cpas segs and blebs, qtz, chl, gar			8,010	8,510		1:3412	0:4911	01:073					
		incls, also v fg amphibolite cumm gab incls w f sulfide,			8,510	9,010		1:8317	0:8112	01:110					
		and mg cumm gab, schincls; 2' vert fol cp near 137			9,010	9,510		1:9314	0:7214	01:088					
					9,510	10,010		1:8619	0:8914	01:103					
		153-174 v fg cumm gabbro			10,010	10,510		2:0116	1:1211	01:095	5,6:81	3,4:615			
		65% plag, 25% cumm, 10% hbl-aug; equigran tex,			10,510	11,010		1:1919	0:7015	01:088					
		loc no cumm but mafics all hbl and here get up to 5%			11,010	11,510		1:5414	0:5110	01:073					
		garnet, 10% plag, qtz bio peg			11,510	12,010		1:4310	0:5617	01:066					
153		5% scat sulfide vns and segs, strong magnetic			12,010	12,510		1:7712	0:4815	01:081					
	v fg cumm gab				12,510	13,010		1:8619	1:4919	01:110					
		174-187 msv sulfides			13,010	13,510		2:0116	0:5815	01:103					
174	msv sulf	75%, fg po, mod mag, cp segs much less than above;			13,510	14,010		1:6910	5,1811	01:154			10,05	0:4	
		chl, gar, peg, gab, sch incls			14,010	14,510		1:8815	1:6010	01:161					
187					14,510	15,010		2:0614	0:7516	01:147					
190	mg gab peg	187-190 mg cumm gab (loc m-cg)	204:1187	1,1 8:303	15,010	15,510		1:3411	0:5617	01:029	1,2,6:13	1:612	0:9.4		
195		65-70% plag laths → patchy, 20-25% cumm, 5-10% hbl?,			15,510	16,010		0:2610	0:0818	01:125					
	schist	2-3% bio, 1% sulf segs near top			16,010	16,510		0:3714	0:1613	01:037					
					16,510	17,010		0:4511	0:0888	01:044					
		190-195 pegmatite			17,010	17,510		0:6015	0:2717	01:066					
		plag, k-sp, qtz, bio, musc			17,510	18,010		1:0713	0:4616	01:110					
		3% dissem sulfide, cp = po	2,6:530		18,010	18,510		1:5610	0:5719	01:103	3,01	0:818	0:28		
					18,510	19,010		0:9813	0:1812	01:081					
		195-218 plag, qtz, bio, pseudosilli: loc hbl?			19,010	19,510		0:0615	0:0811	01:015					
218	bottom	loc graph, gar, 0-20° fol, occas sulf vnlls			195'	218'	0	0	0	0	0	0			
											1,5,6:13	1:418	0:2.1		

0-29 01
29-54 05
54-70 021
70-153 05
153-174 021
174-190 05
190-195 04
195-218 03
Footwall

(27)

E-23

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,8,1,6	1,8,5,3	2,2,9,1	9,0	

Deposit Area 5
Drill Hole EDA-23
Logged by H.M. Parker
Date 1972
Page 1 of 3

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0													
0-19 01 till 19.0		0-19.0 overburden - glacial till	1,1,8,1,6	1,8,5,3									
		Ax Core Below			0	19		0	0	0	0	0	
19-64 021 mg cumm gab		19.0-64' mg cumm gabbro			1,9 10	2,4 10		0:3,7 14	0:2,1 14	0:0,5 1			
		60% plag, bundles of asic xtls and 25% cumm together patchy,			2,4 0	2,9 10		0:3,4 19	0:2,3 13	0:0,5 1			
		interlocking, curved contacts, 10% hbl clots and intergrown			2,9 10	3,4 10		0:4,4 17	0:3,4 10	0:0,5 9			
		w cumm, few pd segs in intv.			3,4 0	3,9 10		0:4,8 17	0:1,3 18	0:0,3 7			
		5-10% sulfides, inst blebs, loc msv and vns, mg po			3,9 10	4,4 10		0:6,6 16	0:3,9 10	0:0,5 1			
64 — 64.0		(weak (mostly) and mod mag), cpas blebs in po			4,4 0	4,9 10		0:2,6 18	0:1,3 12	0:0,2 2			
					4,9 10	5,4 10		0:6,6 19	0:2,2 16	0:0,5 9			
64-103 025		64-82' mg peridotite			5,4 10	5,9 10		0:4,8 17	0:2,2 16	0:0,4 4			
		60-80% cumm patches, 10-20% hbl (aug) intergrown			5,9 10	6,4 10		0:7,3 11	0:3,1 5	0:0,6 6			
		patches in cumm, loc clots, 0-20% plag asic patches/			6,4 0	6,9 10		0:3,8 12	0:2,2 10	0:0,2 9			
		bundles, locally as segs (little balls in cumm), loc 1-2'			6,9 10	7,4 10		0:3,9 18	0:1,5 11	0:0,3 7			
		frac zones (70-90°) foliose throughout.			7,4 10	7,9 10		0:2 0 13	0:1,1 13	0:0,2 9			
		5% po (cp) blebs			7,9 10	8,4 10		0:7,8 10	0:0,9 14	0:0,3 7			
					8,4 10	8,9 10		0:3,8 12	0:1,5 17	0:0,1 4			
		82-101 fmg (loc fg cumm gabbro			8,9 10	9,4 10		0:7,7 12	0:1,0 17	0:0,2 9			
		60% plag patchy, 25% cumm, 10% hbl clots, 1-3% bio			9,4 10	10,3 10		0:2,7 16	0:1,1 13	0:0,2 9			
		loc, loc pd segs, vert fracs w cumm alt to hbl			10,3 0	11,3 10		0:1,1 14	0:0,4 4				
		95-96 vuggy-mafics leached out, plag alt white			11,3 10	12,3 10		0:1,5 10	0:0,7 15				
		2-3% scat po, cp blebs, mod-strong mag			12,3 10	13,0 10		0:1,1 10	0:1,0 17				
143-180 04 joints													
		101-103 mg alt peridotite											
		90% cumm → talc → chl near peg, 10% hbl patches/											
180-185 03 180.0 alt schist 185.0		"moth eaten" in cumm, 40° contact below											
185-195 021 fg cumm gab 195.0		2-3% po											
		103-106 cg pegmatite - msv sulfides											
195-218 022 fmg, mg occ gab		plag, glz bio, no ksp seen but many unbwinned xtls,											
218.5		60% msv sulfides											
		106-109 mg mafic gabbro											
218-270 021 fg cumm gab		50% plag, 25% cumm, 10% hbl, 15% bio, alt by											
alt, gouge 256.0		peg to high bio, horiz upper contact											
		loc po blebs, strong mag											
270.0		109-117.5 mg cumm peridotite											
		80% cumm → talc, chl loc, 15% hbl, loc 10% bio segs,											
		loc tal, anth at top											
		2-3% po, cp blebs											
		117.5-125 cg mafic anth gabbro											

↓ cont page

E-23

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-23
Logged by H.M. Parker
Date 1972
Page 2 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				11816	1853	2291	90	

270 - 313 021

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
270		117-125 cont'd: cumm and plag, loc 10% bio segs,	11816	1853									
sch incls, vfg cumm gab		rextz text.											
		loc 2-3% po, cp blebs, mag											
		125-142.5 fmg cumm gabbro			130	135		0.406	0.214	0.014			
		65% plag and 20% cumm (loc lt brn antho) - patchy,			135	140		0.187	0.069	0.014			
313 frac. zone bottom		10% hbl → suboph clots, 5% bio (small segs), strong			140	145		0.585	0.144	0.029			
		bio reaction near 60° bottom contact			145	153		0.179	0.097	0.024		3.615	
		131-133 mt, po blebs (sch incl?), rare secondary			153	165		0.026	0.151	0.008		0.613	
		qtz blebs, 140.8-142.1 msv po vn, weak+strong mag,			165	170		0.674	0.415	0.059			
		plag, chl incls, 1% sulfides rest of intv: mod mag po blebs			170	175		0.079	0.131	0.016		1.818	
		142.5-180 cg pegmatite											
		ksp, qtz, musc, bio peg (no twins seen, no plag?)											
		loc gabbro: 60% plag irreg patches, 25% bio segs, 15%											
		cumm intergrown, loc plag musc qtz, strongly fol, sch											
		incls, loc cumm bio zones (164) after pd?, 35° Jnts											
		Loc blebs, msv vns po, cp mod mag 152.5-153, 165-168											
		180-185 alt sch incl.											
		plag, brn and blk bio, qtz, (hbl?), loc qtz vns,											
		loc cumm (assimilated gabbro)											
					175	186		0	0	0		0	
		185-195 fg cumm gabbro			186	196		0.119	0.115	0.016		2.912	
		60% plag and 30% cumm (loc talc alt) intergrown, 10% hbl											
		clots, graph mt sch incls - numerous											
		2-3% sulfide blebs and vnlts, mod-weak mag, some											
		assoc w sch incls.											
		195-218.5 fmg, mg eucritic gabbro											
		60% plag and 35% cumm (15% isbz) as interlocking patches,											
		5% aug suboph clots, loc 5-10% bio, loc sch incls											
					196	222.6		0	0	0	0	0	
		218.5-256 fg cumm gabbro (loc mg)			222.6	228.6		0.374	0.056	0.044			
		65% plag, 25% cumm sugary tex, intergrown patches			228.6	~~[illegible]~~	277.5	0	0	0	0	0	
		10% hbl clots, occa ss sch incls, 241.5-248, gouge, epi,											
		hbl carb alt: plag alt to wh clay, gouge @ 243, 247,											
		219-226 10% sulfides (222-224) msv vns, mg po, strong mag											
		226-256 1% sulfides, mod mag											
		256-270 fg cumm gabbro											
		composition same as last intv, more bio, loc rextz, esp near											
		sch incls and here have 5-15% bio, upper boundary picked for con-											
		venience 1% sulfides											

E-23

NO Contact

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5

Drill Hole EDA-23

Logged by H.M. Parker

Date 1972

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,8,1,6	1,8,5,3	2,2,9,1	9,0	

Depth (1"=40') 20 40 60 80 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
270-313 schinds, vf-g cumm gabbro	1,1,8,1,6	1,8,5,3	2,7,7,5	2,9,4,0		0.0,5,12	0.0,4,16	0.0,1,3		1.5,19	
gabbro: vfg, compositionas above, chill zone or dikes into			294 p	3,10,10		0.0,4,18	0.0,3,9	0.0,1,2		1.9,10	
sch. Perhaps chunks of sch w dikes of gab torn up and			310	313'		0	0	0		0	
whole intv is ind? sch has brecciated look, mostly											
not fol, plag porphroblasts stirred around; composition:											
plag, bio, cumm, w loc mt, pebbles. 272-276 calc											
and brecciated zone: carb (dolo weak eff.?), qtz, chl?											
bottom 3' in mg gabbro: 60% usic plag, 30%											
cumm-bz patches, 10% hbl (sub oph)											
Hole lost at 313 in fracture zone according to											
Wyke's log											

E-24

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1,2,2,0,2 / 1,8,5,6	2,2,4,2	9,0	

Deposit Area 5
Drill Hole EDA-24
Logged by HM Parker
Date 1972
Page 1 of 2

Depth (1"=40')	Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0-33 01 till		0-31.0 overburden - glacial till	1,2,2,0,2 / 1,8,5,6											
		AX Core Below		0	31		0	0	0	0	0			
33 — contact 31/33 bldrs		31.0-32 ground up core, probably overburden: qtzite, felsite		3,1 10	4,1 10		0:1,2 12	0:1 312						
33-70 04 peg		32-33 fmg cumm gabbro												
		65% plag ask-patch, 20% cumm patch, 15% bio repl avg												
		hbl (<5%) as reaction near peg. 0° lower contact												
contact 70.5		5% dissem cp, po, stringer (2") near contact		✓										
		33-70.5 pegmatite		4,1 10	5,1 10		0:4,1 18	0:1,0 17						
70-132 05 msv sulf		mg plag?ksp, bio, (musc), cg perth ksp, qtz, bio, musc		5,1 10	6, 10		0:0,5 17	0:1,0 10						
		lg gar, qtz is orange red (oxide coats grains?), gab		6,1 10	6,9 10		0:0,3 16	0:0,8 18						
		inds assoc w mg peg		6,9 10	7,4 10		1:7,8 10	0:5,1 10	0:1,3,2	3,0 10				
		3-5% sulfides, msv to vns, stringers, po mod mag,		7,4 10	7,9 10		2:2,1 19	1:0,5 12	0:1,6,5	5,6:01	3,4:23			
		cp disseminated vnlts, bro assoc; plag, gar inds		7,9 10	8,4 10		2:2,1 11	1:0,8 13	0:1,7 6					
		some msv sulf have cp rim. 35° lower contact		8,4 10	8,9 10		2:2,3 15	1:0,8 12	0:1,8 3					
				8,9 10	9,4 10		2:3,0 18	1:2,7 18	0:1,7 6					
70.5-132.5 msv sulfides				9,4 10	9,9 10		2:1,8 6	1:1,7 18	0:1,6,1					
95-100% sulf, po weak mag, loc mod mag, 1/4"-1" blebs and				9,9 10	10,4 10		2:2,4 13	1:2,9 11	0:1,6,9					
segs - irregular of cp (5%), dk gra amph (hbl?) inds				10,4 10	10,9 10		2:4,3 18	1:0,5 18	0:1,6,1					
occas plag inds, otherwise plag alt to hbl?, 6"				10,9 10	11,4 10		2:2,5 19	0:9,9 15	0:1,5,4					NIL NIL
plag, qtz, gar, bio peg at bottom, horiz contact				11,4 10	11,9 10		2:2,2 17	1:0,4 15	0:1,6,5					
				11,9 10	12,4 10		1:9,6 17	1:6 0.10	0:1,4,7	52:41	3,1:011			
132.5-143 mg cumm gabbro				12,4 10	12,9 10		2:1,7 18	0:9,9 15	0:1,6,9					
60% plag - upto ½" segs, 30% cumm, 5% aug-hbl, 5% bio				12,9 10	13,4 10		1:5,8 15	0:7,8 11	0:1,1,7	6,5 10	2,1 14	1:0.7	0:1.6	
repl aug hbl, loc more mafic				13,4 10	14,2 10	b	0:0,8 11	0:0,5 10	0:0,0,7					
2-3% po, cp irregular blebs, weak mag				14,2 10	14,7 10	s	0:1,6 12	0:1,8 19	0:0,1 4					
143-147 mg pd-pyx														
65% cumm, 20% hbl? intergrown w cumm and patchl/dots														
10-15% plag, 30° contact														
5% cp, po inst and extrasl irreg blebs, weak mag														
147-163 cg pegmatite				14,7 10	15,7 10	b	0:1,1 18	0:0,5 10						
ksp, bio, musc, qtz, locchen, oxidized, epi, at top				15,7 10	16,2 10	s	0:0,5 17	0:0,5 16		2,8	0:1 10	0:0.3		
bio chl gab inds, 40° contact				16,2 10	16,7 10		0:8,3 17	0:1,4 14	0:0,5 9					
1-2% po, cp, vnlts in peg, mostly assoc w gabbro														
incls.														
163-212 mixed gabbro and pd-pyx				16,7 10	17,2 10		0:6,5 18	0:1,3 12	0:0,7,3					
163-195 predominantly mg cumm gabbro				17,2 10	17,7 10		0:0,4 19	0:0,5 10	0:0,1 4					
60% plag, 30% cumm, 10% aug hbl clots - subophi, 0-5% bx,				17,7 10	18,2 10		0:1,8 17	0:1,2 16	0:0,1 4					

0-33 01 till
33 — contact 31/33 bldrs
33-70 04 peg
contact 70.5
70-132 05 msv sulf
132-143 02 mg cumm gab
143' — 143
contact 147
163-163 04 peg
163 — contact 163
163-195 02 mg cumm gab
(195)
195-212 05 mg pd-pyx
contact 212
212-251 04 cg peg
251' — contact 251
251-256 024 Footwall 254 gab-bchist peg
256' 256
03 sch
256-284 273
sch & msv
284 — 284
bottom

E-24

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-24
Logged by H.M. Parker
Date 1972
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12202	1856	2242	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S		Deposit
163-195 cont'd alt of plag	12202	1856	19210	19710		0.219	0.2017	0.014				
5% po, cp dissem blebs, mod mag			19710	20210		0.7916	0.3615	0.073				
195-212: pred: mg pyx-pd			20210	20710		0.6314	0.1517	0.059				
70% cumm, loc yellower talc?-chl alt, 30% aug-hbl			20710	21210		1.138	0.233	0.059	5.040	0.418	0.16	
small irreg xlls inst to cumm?, 40° lower contact			[illegible]	[illegible]		[illegible]	[illegible]	[illegible]				
20% sulfides, 1/2-1" irreg cp, po blebs, some			[illegible]	[illegible]								
msv sulf @ 208, 210-212, mod mag												
212-251 ag pegmatite			21210	22210		0.3215	0.1312	0.037				
ksp (microcline?, some perthite), plag, bio, qtz, loc musc			22210	23315		0.0617	0.0612	0.011		1.06		
mg gabbro, incls, loc m-cg rextz patchy text: 50%			23315	24515		0.2813	0.1419	0.036		4.93		
plag, 25% cumm, 10% hbl, 15-25% bio, horiz lower contact			24515	25910		0.1411	0.0817	0.022		2.317		
5% sulfides, mod strong mag, blebs and vns assoc			259	284		0	0	0		0		
w bio, hbl, plag; 236.5, 245 2-4" vns												
251-254 fg cumm gabbro - hybrid zone												
40% plag - asic, 50% cumm patches around plag, 10% bio;												
loc sch incls - gabbroized, loc peg, gabbro is rext, alt												
near pegs												
2% sulfides, strongly magnetic												
254-256 pegmatite												
plag, qtz, bio, gar w plag, hbl, bio diorite segs												
10% sulfide vns, strong magnetic												
256-273 Schist												
plag, chl, musc, qtz, few irreg plag qtz porph segs												
contorted fol - crenulations 50° avg?												
2% sulfide vns												
273-284 Schist												
plag, bio, qtz, gar graph, plag qtz porph segs												
contorted 10° avg fol?												
According to Wyke hold ended in fracture filled w												
gray clay; driller unable to go further												

E-25

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole EDA-25
Logged by H.M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12304	2208	2085	90	

Depth (1"=40')	% Sulfide (visual) 20 40 60 80 100		Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0				8	10	15	20		25	30	35		40	45		78 80
0-14	01	till	0-14.0 overburden - glacial till	12304	2208											
			AX core Below			0	14		0	0	0	0	0			
14	140		14.0-16.5 pegmatite, gabbro			14	24		0:0,917	0:0,215	0	0	0			
	165	fg antho gab	75% peg: ksp, plag, qtz, bio, (musc); 25% gab: 60% plag,			24	34		0:0,811	0:0,510	0	0	0			
14-47	023		25% cumm, 10% bio, 5-10% hbl			34	46		0:0,97	0:0,619	0	0	0			
	165					46	51		2:1,54	0:5,418	01:1,47					
		msv sulf	46.5-46.5 fg gabbro			51	56		2:0,018	1:0,711	01:1,76					
			65% plag, 15%-20% anthoph/cumm, 10% hbl subophitic,			56	61		2:3,010	0:8,119	01:1,76					
			5-10% bio segs, patchy rextz tex, loc cataclastic zones,			61	66		2:2,413	0:9,511	01:1,83	SEE NOTE				
49-101	05		anthoph, 5-10% sch incls			66	71		2:2,119	1:0,518	01:1,47	ON AA SE 2				
			2% sulfide, strong mag, assoc w sch incls			71	76		2:2,119	0:8,512	01:1,32					
						76	81		1:8,219	0:5,912	01:1,61					
			46.5-101 msv sulfides			81	86		2:2,618	0:6,810	01:1,91					
			95%, mod mag mgpo, opas segs, qtz, chl incls			86	91		2:1,514	0:6,714	01:1,76					
101-108	101					91	96		2:2,519	0:8,619	01:1,76					
	06	pd	101-107.5 peridotite			96	101		1:8,415	0:5,110	01:1,54	5.5 10	2:1,14	TRNIL		
108-123	1075		70% talc, 30% chl, minor antho			101	106		0:2,610	0:1,216	01:0,44			0.7 8	0:1,7	
	021	f-mg mafic gab	5% sulfides, strong mag - assoc w peg vns, sch incls			106	111		0:1,719	0:0,510	01:0,29					
123-138	123															
	022	mg quc. gab	107.5-123 f-mg mafic gabbro			111	116		0:8,014	0:1,017	01:0,59					
138-144	138		50% plag and 30-40% cumm - ft grn, loc antho?, patchy			116	119		0:1,416	0:0,215	01:0,22					
	021	fg leuco gab	text, 10% hbl clots, 5% bio			119	120		0	0	0	0	0			
144-158	144		10% sulfide vns, v little cp, strong magnetic													
	025	mg mafic gab, peg, sch incls														
158-164	024		123-138 mg quartz gabbro													
	158	hybrid gab, peg	65% plag, asic, 30% cumm and bz, 5-10% hbl, 5-10%													
Footwall	164		bio, 127-130 v. assimilated sch incl, intr is loc m-cg													
			rextz.													
164-190	03	aug. fol. sch	tr sulfide													
	190	bottom														
			138-144 fg cummgabbro													
			60% plag, 25% cumm, 5-10% hbl, 2-15% bio, 5-10%													
			sch incls													
			tr sulfide													
			144-158 mg mafic cumm gab, peg, sch incls													
			75% gabbro: 50% cumm, 25-30% plag segs, loc asic,													
			10% hbl, 5% bio, patchy text, rextz, loc talc-chl alt;													
			15% ksp, plag, qtz (bio) peg, 10% plag, bio sch incls													
			158-164 mg cumm gabbro - hybrid zone, peg													
			75% rextz gabbro: 50% cumm, 30% plag as patches, 5-20%													
			bio, 5% hbl clots; 25% peg vns as above													

E-25

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1,2,3,0,4 2,2,0,8	2,0,8,5	9,0	

Deposit Area 5
Drill Hole EDA-25
Logged by H.M. Parker
Date 1973
Page 2 of 2

Depth (1"=40') | % Sulfide (visual) 20 40 60 80

Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
164-190 cont'd: plag, chl (bio), gar, mvse with plag-qtz segs, 10° avg fol, unit as a whole is med mag										
tr-1% med mag po										
Note Wyke Shows asking for Fe, S on 56-61										
Rudy Report's assays for 61-71 of 18.49% Fe, 10.39% S, in light of nickel assays for this intr - must be a foul up somewhere										

E-26

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole EDA-26
Logged by H. M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				1,1,9,0,3	2,0,1,0	2,2,2,1	9,0	

Depth (1"=40') | % Sulfide 20 40 60 80 100 (visual)

Depth		Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0												
0-14	01	till										
14.2		0-14.2 overburden - glacial till	1,1,9,0,3	2,0,1,0								
4-38		AX Core Below										
	023	mg antho gab		0	16.4		0	0	0	0	0	
38		14.2-38 mg antho gabbro (loc fg)		16.4	24.0		0.301	0.170	0.007			
38-49	025	peg, msv sulf, gab		24.0	29.0		0.683	0.189	0.014			
49		70% plag - patchy, 20% antho, loc cumm, 10% bio segs		29.0	38.0		0.154	0.056	0.014			
		5% aug - oxide clots, loc schinds, peg, loc eucrite @ base										
49-75	025	peg, gab, schinds										
		2-3% sulfides, scat blebs, vns, mod mag po, cpas										
		walls and thin segs										
75		38-49 pegmatite, msv sulfides, gabbro		38.0	40.14					53.21	32.515	
5-92	05	msv sulf		40.14	45.14		0.715	0.1318	0.029			
		50% pegmatite: plag, ksp?, qtz, bio, musc; 40% gabbro: 65-70% plag, 15-20% cumm, 5-10% aug hbl, 10% bio; 10% schinds		45.14	49.4		0.041	0.018	0.004			
92.5												
2-105	025	peg, schinds, gab										
105		15-20% sulfides, mod mag po, cpas segs										
25-113	021	fg cumm gab		49.4	71.0		0	0	0	0	0	
113		49-75 pegmatite, gabbro, schinds		71.0	76.10		0.496	0.466	0.022			
3-121	05	msv sulf										
120.8		pegmatite 40%: ksp, plag, bio, musc; gabbro 60%: 65-70% plag and 20 locumm, patchy, 5-10% aug hbl, 5-10% bio segs; 20% schinds w mt, po										
21-152	05	peg, msv sulf, fg mg gab										
		2% sulfides, dissem, vnlts, weak mag										
152												
152-165	021	fg cumm gab		76.10	81.10		1.691	1.641	0.147			
165		75-92.5 msv sulfides		81.10	86.10		1.891	1.285	0.161	1.101	4.516	Bad Fe, S?
		90%: cg to pegmatitic, weak mag, cpas (loc 10%) blebs and segs, plag, chl, gar incls; peg and fg hbl, bio, plag-laths gabbro		86.10	91.10		1.781	1.113	0.132			
65-191	025	fg cumm gab, schinds	3,0,1,9,10	91.10	94.16	B.C.	0.935	1.2712	0.081	1.886	1.612	1.3.4.
191												
		92.5-105 pegmatite, gabbro, schinclusions		94.16	99.10	A.C.	0.532	0.6916	0.045			
		40% pegmatite: plag, bio, qtz, loc gar; 60% gabbro: 70% plag-asic, 20% hbl, 1st 10-15% bio segs; 20% plag, bio banded sch incls		99.10	106.10	A.C.	0.081	0.0510	0.005			
191-224	025	mg cumm gab										
		2% sulfides, weak mag, loc vns										
Footwall	223											
		105-113 fg cumm gabbro		106.10	113.10	A.C.	0.106	0.119	0.007	1.914	0.119	0.2.2.
224-260	03 fol	65-70% plag patchy and 20-25% patchy cumm, 5% hbl aug, 5% bio, some segs; loc schinds										
		1% mod mag sulfide mostly in sch incls										
260												
		113-120.8 msv sulfides		113.10	121.10	A.C.	1.6514	0.5617	0.005			
	bottom	85%: mag pl, v weak-nonmag, cpas segs and few blebs; gabbro incls similar to above but more mafic, minor peg										
		120.8-152 pegmatite, msv sulfides, gabbro		121.10	127.10	A.C.	0.0913	0.0715	0.007			

E-26

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-26
Logged by: H. M. Parker
Date: 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11903	2010	2221	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S		Deposit
120.8-152 cont'd: mod - strong mag, cp as segs; 20%	11903	2010	1320	1370		1.439	0.3217	0.095	76-142			
f and m g rextz gabbro: 65% plag and 25% cumm/antho as	61.4906		1370	1420		0.894	0.1414	0.044	6610	0.913	0.56	
patches, 5-10% bio, 5% aug-hbl, loc mt graph sch			1420	1470		0.455	0.2813	0.029				
incls			1470	1520		0.374	0.1414	0.022	3.90	0.811	0.25	
152-165 fg cumm gabbro (loc vfg)			1520	1620		0.035	0.050	0.011		0.418		
65% plag - asic, 20-25% cumm smaller patches, 10%			1620	1705		0.031	0.032	0.007		0.018		
aug clots												
			170.5	174.5		0	0	0	0	0		
165-191 f-mg cumm gabbro, schincls			1745	1795		0.284	0.4218	0.022	54.81	34.418	BAD Fe, S? ?	
65% plag, and 20-25% cumm (loc antho) as asic-			1795	1850		0.073	0.0516	0.007				
patchy, 10-15% hbl-aug larger segs; 171 broken			1850	1900		0.309	1.1318	0.022				
core, tremolite? on fracs; 50% sch incls from 174			1900	1950		0.293	0.1819	0.014				
3-5% sulfides assoc w schincls, mt, cp as segs,												
strong mag												
191-223.5 mg cumm gabbro			1950	2000		0.252	0.1414	0.014				
65% plag patchy-asic and 20-25% cumm patchy w loc			2000	2050		0.171	0.0619	0.011				
vfg talc eyes, 5-10% hbl-aug, 5-10% bio, few segs,			2050	2100		0.041	0.0215	0.006				
intv is loc rextz, more hbl (dk grn) toward bottom, loc												
pegs, loc encritic												
3% sulfides to 209 - dissem blebs, strongly mag,												
cp as tiny blebs, segs												
			210	223		0	0	0	0	0		
223.5-260 schist			2230	2280		0.194	0.3814	0.026		2.916		
plag bio qtz pseudosilli, loc graph; qtz, plag segs,			2280	2430		0.152	0.131	0.017		3.218		
loc po, cp parallel to fol, more gneissic from 254			2430	2600		0.019	0.042	0.009		1.312		
0-45° fol, avg 20-25°												

E-27

(31)

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12497	2107	2118	90	

Deposit: Area 5
Drill Hole: EDA-27
Logged by: H.M. Parker
Date: 1973
Page 1 of 1

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
-20	01	till	12497	2107									
20 — 20.5	23	gab, peg											
0-71	025	mg cumm gab, peg											
39.5	frac.	fg cumm gab, peg											
71 — 71	carb fracs.	m, m-cg cumm gab											
71-110	021				0	49		0	0	0	0	0	
110		peg, sch incl, gab incls			49.0	53.0		0.154	0.128	0.013		1.33	
10-141	04				53	235.4		0	0	0	0	0	
141.5		mg cumm hybrid gab, peg, sch incls											
141-196	024												
frac.													
Footwall 196.5													
196-235	03	fol. sch											
212													
avg. fol.		sch											
235.4		bottom											

Description:

0-20.5 overburden - glacial till

Ax Core Below

20.5-23 fg cumm gabbro, pegmatite
75% gabbro: 60% plag, 30% cumm (yell-grn), 10% hbl clots, usual patchy text.; 25% peg: plag, ksp, qtz, bio
1% sulf vns in peg, mod mag.

23-39.5 mg cumm gabbro, pegmatite
85% gabbro: 60% plag and 25-30% dk grn cumm as patches
5-10% hbl intergrown w cumm, 5-10% bio segs, loc have up to 60% chl repl cumm., 15% ksp, plag, qtz, bio peg

39.5-71 fg cumm gabbro, pegmatite
65% gabbro: 60% plag and 25% cumm (sl talcose) as patches, 5-10% bio flakes, 5-10% hbl clots, loc sch incls (bio-chl)
loc sulfides: cp on frac (50°) @ 53', blebs @ 49' have nicolite, 49-53: 1-2% strong mag cp as blebs

71-110 m, m-cg cumm gabbro
65% plag and 20% cumm, 5-10% hbl clots intergrown in cumm, 10% bio segs, rextz, loc peg vns <5%, vert carb fracs @ 73.

110-141.5 pegmatite, sch and gabbro incls
ksp, qtz, plag, bio, musc; loc tiny bio; 10% plag, chl, bio, musco sch incl, 10% mg gabbro incl: 60% plag and 25% cumm (some v. large cumm patches), 15% bio segs

141.5-196.5 mg cumm hybrid gabbro (loc fg), peg, sch incls
75% gabbro: 60-65% plag, 15-20% cumm, 15-20% bio, loc bio-ortho repl bz @ 149', 15% ksp peg, 10% porphroblastic plag bio, qtz, mt sch incls w 1-2% po, near vert frac @ 189'
tr sulfide for intv.

196.5-212 schist
plag, bio, qtz, musc; plag-qtz segs, loc mt-graph-crenulated-contorted, 0-10° fol

212-235.4 schist
plag, chl, psiedosilt, musc, qtz, graph, mt, plag qtz segs, contorted 10° avg fol?, musc in most places is an even sheen, suggest this intv a variant of above unit.

E-28

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-28
Logged by H.M. Parker
Date 1972
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				12203 / 1807	2258	90	

Depth (1"=40') | % Sulfide 20 40 60 80 100 (visual)

Depth		Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	AV AG	Deposit
0-37	01	till	0-34 overburden - glacial till	12203	1807								
			34-37 lost (Wyke's log ambiguous)										
			Ax Core Below		0	3.7	0	0	0	0	0		
34		lost	37-58 mg anor gab (loc cg)		3,710	4,710	0:1,915	0:1,414					
37-58	022	mg anor gab	60% plag asic to pathy, 15% cumm (grnl), 10-15% bz?		4,710	5,710	0:0,419	0:0,516					
			brn-pathy, 10-15% aug-hbl subophitic clots, few		5,710	6,710	0:0,611	0:0,414					
			more mafic zones rextz w 5-10% bright grn chl (serp?)										
58		fg cumm gab	2% po scat 1/8" blebs - irreg, rare cp, weak mag										
58-68	021												
67.5	contact		58-67.5 f-mg cumm gabbro (variable grain size)		6,710	7,210	2:2,012	0:3,814	0:1,61				
68-93	05	msv sulf	65% plag and 20% cumm interlocking pathy text - almost										
			granular # 20% cumm, 10% anhbl v small specs, 5-10%										
91	shear contact		bio, more rg text toward top, loc rextz, gradational										
93-100	023	fg anhbl gab	upper contact, incr bio near lower contact, which has										
100.5	contact		10° dip										
100-110	04	pgs	1% sulfide										
110	contact												
		mg cumm gab											
110-159	021		67.5-91 msv sulfides		7,210	7,710	1:1,816	0:4,013	0:1,47	5.7:61	3.7:016		
			90%: f-mg mod mag po, cp as mostly small blebs; 83.5-		7,710	8,210	2:2,314	0:4,513	0:1,61				
			84 cp seg near int of gab, usual chl, garinds; fg		8,210	8,710	1:9,715	2:3,012	0:1,47			TR NIL	
			gabbro incls: plag (antho loc), hbl (cumm), bio? gar, few		8,710	9,210	1:5,218	0:3,615	0:0,95				
			mafic antho? gab mag incls: 40° contact - bottom, is a		~~6,71~~	9,12	25	~~1:8,21~~	0:1,71	0:1,4			
159		fg cumm gab	bar - some slicks										
159-170	021												
170	contact	fg pgs	91-93 mg cumm gabbro		9,210	9,710	0:0,819	0:1,113	0:0,14				
170-177	04		60% plag, 20-25% cumm, 10-15% bio segs, some finer										
177	contact	bio rich msv sulf, gab	gr away from contact, rextz text (reaction zone near										
177-185	05		sulfides?										
185		fg cumm gab	<1% scat cp, po small blebs, cp = po?										
185-238	021												
			93-100.5 fg anhbl gabbro		9,710	10,210	0:4,016	0:1,119	0:0,29				
			65% plag, 25% antho, 5% vfg aug, <5% bio, (some chl)										
			1-2% mod mag po, ras and segs - 1-2", cp stringers										
			in po										
238	233.5	msv gab	{Note: 97-117 core box dumped before logging}										
	237		100.5-110 pegmatite		10,210	10,710	0:0,410	0:0,215	0:0,07				
	238	bottom	cg k3p, glc bio musc pgeg, loc chl, ilm; horiz? lower contact		10,710	11,210	0:3,910	0:1,017	0:0,29				
			3% sulfide stringers, med mag 108' 4" msv po vn.										
NO FW Contact													
			110-159 m-cg cumm gabbro		11,210	11,710	0:3,411	0:0,511	0:0,22				
			65% plag and 25% cumm as curved pathies, 5-10% aug,		11,710	12,210	0:3,918	0:5,418	0:0,29				
			tr bio, rextz text, top 8' kss rextz - cumm alt to chl? ilm?		12,210	12,710	0:4,417	0:2,210	0:0,29				
			5-10% sulfides, weak-mod mag, fg dissem po, cp in		12,710	13,210	1:0,312	0:3,711	0:0,44				

E-28

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-28
Logged by: H.M. Parker
Date: 1972
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12203	1807	2258	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S		Deposit
159-170 fg cumm gabbro (loc rextz to mg)	12203	1807	1370	1420		0.431	0.428	0.022				
60% plag, 30% cumm (small patchy), 10% aug-hbl (fg clots), tr bio,			1420	1470		0.479	0.258	0.029				
less hbl-aug where rextz, loc ksp, musc, hem peg			1470	1520		0.601	0.384	0.037				
as above			1520	1576		0.601	0.554	0.029	6.56	0.45	0.27	
1% sulfides, strong mag po, cp loc blebs			1576	1670		0.040	0.056	0.007				
									9.06	0.83	0.41	
170-177.5 cg pegmatite												
ksp, qtz, musc, bio, (chl), plag? (minor), lower contact												
55°												
			167	179		0	0	0	0	0		
177.5-179 fmg bio gabbro			1790	1852		1.300	0.327	0.103				
60% plag patch-asic, 30% bio, 10% cumm, blebs			1852	1900		0.057	0.050	0.007				
of qtz, chl reaction rims												
179-180 schist incl												
plag, bio, graph w 20% stringers of mag po												
180-185 msv sulfides, gabbro												
60-70%: mg, mod mag po, tr cp blebs; 30-40% fmg gabbro:												
65% plag, 20% chl, 10% bio, <5% aug, chl alt of												
cumm?, diffuse tex, rextz near top												
185-196 fmg cumm gabbro (variable grainsize)												
65% plag asic-patchy (variable), 25% cumm patches, 3-5%												
bio, 5% hbl-aug subophclots, rextz text												
barren except 184' cp/po vnlts												
			190	196		0	0	0	0	0		
196-233.5 fg cumm gabbro (loc rextz mg)			1960	2100		0.098	0.080	0.016		1.40		
60-90% plag, 10-30% cumm, 10% vfg hbl-aug clots,			2100	2200		0.040	0.036	0.012		0.65		
loc sch incls			2200	2330		0.045	0.051	0.011		0.89		
1-2% sulfides, weak mag, assoc w sch incls			233	238		0	0	0		0		
233.5-237 mg cumm gabbro												
65% plag, 30% cumm, <5% aug-hbl clots, tr bio,												
patchy-rextz text, some cumm alt to chl?												
237-238 lost, Wyke's log indicates gabbro to 237.6,												
mg peg to 238, whereupon clay encountered, bit sanded in												
and hole lost.												

E-29

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-29
Logged by: H. Mulpeter
Date: 1973
Page 1 of 1

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				12403 / 1983	2163	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0			1240 3	1983									
		0.0 - 32.0 overburden - glacial till											
till													
		32.0-35.0 lost (gabbro chips according to Wyke)											
		AX Core Below			01	3.5T		Q 1	Q 1	1 Q	01	Q 1	
32 lost 35		35.0 - 97.0 schists, pegmatite, fg cumm gabbro			3.5 10	4.0 10		0.3 9 10	0.2 3 19	01.0 5 1			
schists, peg, fg cumm gab		40% plag, bio pseudosilli, qtz gar schists; 30%			4.0 10	5.0 10		0.1 6 17	0.2 0 11	01.0 2 9			
		KSP, plag, qtz, bio peg; 30% fg gabbro: 60% plag,			5.0 10	6.0 10		0.2 1 19	0.0 7 15	01.0 3 7			
35-97 025		basic to patchy, 25% cumm patches, 10% hbl clots, 5%			6.0 10	7.0 10		0.2 3 10	0.1 1 19	01.0 2 9			
		bio segs.			7.0 10	8.0 10		0.2 8 18	0.1 0 10	01.0 3 7			
		3% sulfides to 80', none beyond: scattered			~								
		segs, few vns, f,mg po, mod mag, cpasblkbs											
		97-173 Hybrid zone											
97		same general composition as above, but m, loc m-cg											
hybrid zone: schists, peg, mg cumm gab		gabbro, few fg gabbros; 60% plag and 25-30% cumm											
97-173 024		as patches, 10% bio segs, 2% hbl intergrown w cumm,											
		loc chl segs											
		1% scattered dissem sulfides											
		173-209.5 mcg gabbro, pegmatite											
		65% gabbro: as above (rest: 15% KSP peg as above, loc tourm, cp			80	2.3 1		Q	Q	10	Q	Q	
		209.5-275 fg cumm gabbro			2.3 1 10	2.3.8 10		0.2.7 16	0.2.4 15	01.0.2.9			
		60% plag as ix, 25% cumm patchy, 10% bio segs, 3% hbl clots,			238	283		0	P 1	Q	Q	Q	
173		loc diorite (once amphibolite?): 65% plag, 25% hbl, 10% bio,											
mcg gab, peg		5% gar; loc mafic zone; 210-221: 60% cumm-tak, 30% phg,											
173-209 025		10% bio, no appreciable hybridize @ lower contact; 10%											
		plag, bio, mt, graph schincls											
		5% fg strong mag sulfide assoc w schincls 231-238											
209		1% sulfides rest of intv (weak mag above 231, strong											
fg cumm gab, schists		below 238), high cp for schincls											
		275-283 schist											
		plag, bio, gar, pseudosilli; 15° avg fol.											
209-275 021													
Footwall 275, avg fol. 283													
sch													
275-283 03													
bottom													

E-30

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole E DA-30
Logged by H.M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				12003 18444	2301	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0			12003	18444											
-24	01	0-24 overburden - glacial till (Wyke buts bottom @ 26.4')			0	26.4		0	0	0	0	0			
		AX Core Below													
24	till	24-46 f,m g cumm gabbro			2614	3410		0:1813	0:0756						
4-46	021	65% plag lath-asic, 20% cumm patches, 10% hbl subophi			3410	4516		0:1114	0:0715						
	f,mg cumm gab	clots, 5% bio segs, loc anthro, schlinds			4516	5010		0:7916	0:1119						
46		1-2% sulfides, occas segs, vns mod mag fg po, high cp													
	peg, mg gab, msv sulf	46-85 pegmatite, mg gabbro, msv sulfides			5010	5510		0:9217	0:1915	010.51					
16-85	05	40% ksp, plag, qtz, plag, bio, musc peg; 35-40% gabbro: 65%			5510	6010		1:0819	0:8010	010.73					
		plag asic-patchy, 25% cumm/anthro patchy, 5% hbl clots			6010	6510		0:6919	0:3519	010.44					
85		10% bio segs, 20-25% msv sulfides-vns, weak mag			6510	7110		0:6118	0:1511	010.29					
	f,mg gab	f-mg po, cpas segs			7110	8017		0:2618	0:0516	010.07					
		85-120 f,mg gabbro			8017	8510		0:1719	0:0619	010.07					
35-120	05	65% plag laths-patchy, 15-20% cumm/anthro patchy			8510	9010		1:4515	0:1716	010.88					
		10% hbl clots, 10% bio segs, loc schinds, peg vns			9010	9510		0:6110	2:3513	010.37				TR 0.2	
120		15% sulfides blebs, vns, weak-nonmag, cpas segs,			9510	10010		1:1514	0:7618	010.59					
20-134	05	msv sulf			10010	10510		0:3313	0:1216	010.29					
		several quite large (4")			10510	11010		0:3313	0:1517	010.22					
134		120-134 msv sulfides			11010	11510		0:3918	0:2114	010.29					
34-154	05	95% : weak mag, high cp (5%) as segs, chl-plag inds			11510	12010		0:6919	0:4013	010.44					
144	fg f-m cumm gab, msv sulf				12010	12510		0:6011	0:9816	011.022					
	f,f-m antho gab	134-144 fg cumm gabbro, msv sulf			12510	13010		1:7319	1:0317	011.47					
154		80% gabbro : cumm/antho type as above, loc talc-chl/anth			13010	13510		2:0017	0:8019	011.47					
		pd, loc chl-musc alt zones			13510	14010		0:6118	0:7313	010.73					
54-197	023	20% sulfides weak mag cp as segs			14010	14510		0:9118	0:2319	010.88	6040	0:911	0.67		
					14510	15010		0:3013	0:1710	010.22					
		144-197 f,f-mg antho gabbro			15010	15510		0:9519	0:1613	010.51					
197		65% plag and 15-20% antho intergrown-asic, 10%			15510	16510		0:0411	0:0215	010.07					
97-214	04	peg			16510	18010		0:0314	0:0211	010.10		0:419			
		hbl clots, 15% bio segs, loc mag sch inds, lx peg			18010	19710		0:0610	0:0313	010.16		1:015			
214		144-156 20% sulfides - msv vns, fg weak mag po,			197	264		0	0	0	0	0			
214-222	025	fg gab, peg													
222		cpas veins and segs													
	m-cg eucr gab, matic	197-214 pegmatite													
222-248	022	ksp, plag, qtz, bio, musc													
248		214-222 fg gabbro and pegmatite			21410	22210		0:2306	0:0413	010.30		4:316			
	f,mg gab, peg	anorth-diorite? dike; 80-90% plag laths, 0-10% hbl													
248-288	025	opk, 0-10% bio													
		5% msv sulf vns, strong mag, cpas blebs													
288		222-248 m-cg eucritic gabbro - matic			222	248		0	0	0	0	0			
		30-40% plag laths, 30% lt gra cumm/antho? patches, 10-15%													

Cont.

E-30

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-30
Logged by H. M. Parker
Date 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12003	1844	2301	90	

Depth (1" = 40')	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au Ag	Deposit
288	248-288 f, mg gabbro, pegmatite	12003	1844	2480	2580		0.581	0.718	0.029			TR NIL	
	60% gabbro: fg has antho, mg has cumm, 65-70% plag												
305 frac.	laths-asic, 15-20% antho/cumm, 10% hbl clots, few patches												
	10-15% bio segs, loc eucritic; gabbro biotized by peg, 40%												
324	peg: ksp (white phenos), plag, qtz, bio, musc; loc schinds												
	10% sulfides to 257, 1% below: mod-strong			258	287		0	0	0	0	0		
	mag, cp as segs			~~222~~	~~287~~		~~0~~	~~0~~	~~0~~		~~0~~		
				2870	2970		0.053	0.023	0.014		1.16		
	288-305 fg cumm gabbro			2970	3200		0.070	0.034	0.018		1.61		
	60-65% plag asic, 25% inst patches of cumm, 5-10%			320	380		0	0	0		0		
	bio segs-tiny, 5-10% hbl clots; graph mt schinds												
368	2% sulfides segs, vnlts, strong mag po, cp as tiny												
	blebs-rare												
380													
	305-324 mg, m-cg cumm gabbro												
	60-65% plag laths, 30% cumm patches-inst, 5% hbl-aug												
	loc segs, 2-3% bio, rare bz, loc mafic zones. 308' vert												
	frac w epidote? coat.												
	2% scattered po blebs, w tiny cp segs, mod												
	mag												
	324-368 mg antho gabbro												
	65-70% plag, 15-20% antho (loc cumm, near bot), 10%												
	bio segs (more near peg), 0-3% hbl loc., 10% ksp peg												
	near bot, loc bio mt sch incls												
	tr sulfides assoc w schinds												
	360-380 pegmatite and fg cumm gabbro												
	50% plag bio musco peg (loc cumm), gneissic text, bio												
	schinds; 50% gabbro: 30-40% plag, 40-50% cumm												
	patches, 10% hbl clots, 10% bio; gabbro is hybrid?												

288-305 021
305-324 021
324-368 022
368-380 025
No FW contact

E-31

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole E DA-31
Logged by H. M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,9,0,4	1,8,5,4	2,2,6,6	9,0	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0-20	01 till	0-19.5 overburden - glacial till	1,1,9,0,4	1,8,5,4											
		Ax Core Below													
20-27	02 ms fg cumm gab				0	19.5		0	0	0		0			
27		19.5-27 fg cumm gabbro			19.5	27.0		0.0712	0.0312	0.0.13		1.06			
	msv sulf	65% plagioclase, 20-25% cumm, minor anhbl, 5-10% hbl-aug													
		5% bio, loc 10%, loc graph sch incl													
27-94	05	1% sulfide blebs, strong mag, assoc w sch incls													
					27	32.9		0	0	0		0.1			
		27-94 msv sulfides			32.19	38.10		0.2613	0.6310	0.0.14					
		95% : m-cg po, weak mag, chl, gar incls, loc peg (minor)			38.10	43.10		2.1612	0.8314	0.1.32					
		incl., cp as blebs, veins, segs; 2' ksp bio peg at bot.			43.10	48.10		2.0.414	0.6816	0.1.0.8.8					
		(27.0-32.9 lost)			48.10	53.10		2.1.211	0.7811	0.1.16.1	58.81	34.615			
94		94-186.5 mg mafic gabbro and peridotite			53.10	58.10		2.0.116	0.7811	0.1.1.6.1					
	mg mafic gab, pd	0-40% plag pakthy-segs, 50-65% cumm (upple grn),			58.10	63.18	5.8	2.0.917	1.0.114	0.1.1.6.9					
		5-10% hbl-ang, 144-166 peridotite with minor gab;			63.18	69.10	6.2	1.8.816	0.7.618	0.1.1.9.1					
		talc-cumm, loc chl repl cumm, talcose zones have			69.10	74.10		2.0.116	0.7.714	0.1.1.7.6					
		less sulfide			74.10	79.10		1.6.518	0.9.710	0.1.1.3.9				TR M L	
94-187	05	Sulfides as blebs, or net text, loc msv vns			79.10	84.10		2.0.917	1.0.011	0.1.1.6.1					
		1", cp as trig blebs, few segs			84.10	89.10		1.7.712	0.8.311	0.1.1.5.4					
		94-105 40-50% non mag	1,1,1:5758	47.8548	89.10	94.10		1.6.518	0.6.810	0.1.1.4.7	5.610	1.919	0.8.5		
		105-120 20% weak mag			94.10	99.10		0.9.519	0.5.815	0.1.0.8.8					
		120-144 15% weak to 135, strong 135-144			99.10	104.10		0.7.115	0.5.014	0.1.0.5.1					
		144-157 5-10% weak mag			104.10	109.10		0.6.216	0.3.40	0.1.0.5.9					
		157-166 3% mod-variable mag			109.10	114.10		0.7.916	0.3.711	0.1.0.5.9					
		166-186.5 10% mod-strong mag			114.10	119.10		0.7.810	0.4.314	0.1.0.5.9					
					119.10	124.10		0.8.718	0.2.64	0.1.0.5.9					
186.5		186.5-196 msv sulfide, gabbro incls			124.10	129.10		0.3.415	0.2.216	0.1.0.4.4					
187-196	05 196 msv sulf, gab incls	55% mod strong mag po, cp as blebs, segs; 45% gabbro			129.10	134.10		0.8.718	0.4.013	0.1.0.5.9					
		incls: fg, 65% plag and 25% cumm as patches,	29.3427	19.3511	134.10	139.10		0.6.314	0.3.217	0.1.0.3.7	4.510	0.713	0.3.8		
	r/g gab, peg	hbl-aug 10% as clots			139.10	144.10		0.3.918	0.2.813	0.1.0.3.7					
			140.958	63.2059	144.10	149.10		0.1.412	0.0.914	0.1.0.2.9	1.0.11	1.319	0.6.6		
196-233	04	196-233 r/g gabbro, pegmatite			149.10	154.10		0.3.415	0.3.012	0.1.0.2.2					
		70% loc felsite gabbro: 65-70% plag and 25-30% yellgrn cumm -			154.10	159.10		0.3.313	0.2.614	0.1.0.4.4					
		patchy, 5-10% hbl-aug clots; 30% peg: plag, qtz; bio, minor ksp			159.10	164.10		0.1.318	0.0.914	0.1.0.1.5					
233		196-210 1% sulfide weak mag, scat blebs, veins			164.10	169.10		0.4.213	0.3.210	0.1.0.4.4					
233-265	021 f-mg gab	210-214 25% sulfide, net text and msv - weak-mod mag			169.10	174.10		0.1.915	0.3.410	0.1.0.2.9					
		very little cp			174.18	179.59		0 1	0 1	1 0	0 1	0			
		214-233 1% sulfide, strong mag, scat blebs, veins			174.59	181.10		0.2.111	0.2.415	0.1.0.2.2					
265					181.10	186.10		0.3.714	0.2.313	0.1.0.2.2					
05-268	05 265 268 msv sulf	233-265 f-mg gabbro			186.10	191.10		1.3.313	0.2.319	0.1.0.8.8					
	mg cumm gab	65% plag and 30% anhbo/cumm 7:1 as patches			191.10	195.19		1.3.313	0.4.815	0.1.0.8.8					
268-300	021	5% bio, fr aug-hbl (1-2%, loc 5%), loc bio cumm talc			195.19	201.10		0.0.510	0.0.810	0.1.0.1.3		1.016			
	carb fracs	pd, bol 2' : bio, nr sch incl			201.10	205.10		0.5.913	0.1.517	0.1.0.5.9					

E-31

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-31
Logged by: H. M. Parker
Date: 1973
Page: 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11904	1854	2266	90	

	carb fracs.	Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
300 – 320	04	300 peg, vfg gab, schinds		233-265 cont'd; 261' 4" sch ind w 10-15%, bot 2',	11904	1854	233	240		0.52	0.08	0.10			
				10%			240	251		0.01	0.00	0.00		0.31	
							251	263		0.03	0.02	0.00		0.61	
320 – 341	021	320 mg cumm gab		265-268 msv sulfide			263	268		1.20	0.28	0.04			
				90%; mf g strongly mag, cp as f blebs											
Footwall		333.5 vfg gab													
341 – 355	09	340.5		268-300 mg cumm gabbro			268	280		0.01	0.00	0.00		0.31	
		353		65% plag and 25% cumm as patchy segs, 5-10% hbl,											
		355 bottom		5-10% bio, rext tex.			280	353		0	0	0	0	0	
				<1% sulfide											
				296-301 60-90° fracs, cumm alt to hbl, carb coats											
				300-320 pegmatite, vfg gabbro?, schinds											
				75% peg: ksp, qtz, plag, bio, musc, 25% gab? (40%											
				cumm, 30% plag, 30% bio - beat up text) and sch incls											
				320-333.5 mg cumm gabbro											
				65% plag, 20% lt yell cumm as rextz patches											
				15% bio segs,											
				1% sulfide blebs, strongly mag											
				333.5-340.5 vfg gabbro											
				65% plag and 25% antho/cumm as patches, 5% hbl											
				clots, loc sch incls w bio											
				340.5-353 gneiss											
				plag, qtz, bio, graph, gar, mt, loc psuedosilli											
				poorly banded 10-20°											

E-32

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12203	1705	2309	90	

Deposit Area 5
Drill Hole EDA-32
Logged by H.M. Parker
Date 1972
Page 1 of 3

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
		0-68.2 overburden - glacial till	12203	1705									
		Holmes put contact at 67.0											
		Ax Core Below											
0-70	01	till											
		68.2-70 m-cg mafic gabbro											
		30% plag patch-asic, 50% cumm, 20% hbl-aug oph clots											
		tr bio except near contact which is horiz?											
					0	40		0	0	0	0	0	
70 — contact	68.2 70	70-87 cg pegmatite			40	89		0.17	0.31		0	0	
0-87	04	peg											
		ksp, plag, qtz, bio, musc; cumm-bio incls (cummalt to chl)											
		with sulfide vnlts, also fg anorth gab, bio plag schincls											
7-95	05	87 msv sulf											
		1% sulfides strong mag											
5-100	021	95 100 fg cumm gab											
		87-95 msv sulfides, pegmatite			89	95		2.08	0.12	0.06	0	0	
00-121	025	schincls, fg gab			95	108		0.13	0.15		0	0	
		small blebs, some loc alt "green" of feldspar, sulfides have			108	113		0.32	0.23	0.02	0	0	
		bio-gar plag incls			113	119		0.41	0.28	0.03	0	0	
21-132	04	121.5 m-cg gab, peg											
32-136	021	132.5 136 cumm gab											
		95-100 fmg cumm gabbro											
36-160	04	schincl, peg											
		60% plag patchy and 25% cumm patchy, 10% bio, <5%											
		subophvfg hbl, rextz, "contaminated", occais fol.											
		<1% blebs po, cp but gen barren											
0-170	021	160 fg cumm gab											
		100-121.5 schistincl, fg gabbro											
70-178	021	170.5 fg cumm gab, peg											
		70% schistincl: plag, bio, gar qtz, w loc plag qtz porphro											
		blasts, loc chl-musco; 30% gabbro; 65% plag and 35% hbl											
78-193	021	178 mcg cumm gab											
		interlocking; prismatic, sugary text, loc qtz (grn) feldspar peg											
		2-3% scat sulfide blebs, gen in sch; distinct blebs at											
		mag po, cp; some fine "dusting" of both											
93-238	05	msv sulf											
		121.5-132.5 m-cg cumm gabbro, pegmatite											
		55% gabbro: 50% plag, and 30% cumm, 20% bio repl plag,											
		patch text, rextz; 15% pegmatite: plag, qtz, (bio)											
		minor sulfides w peg											
		132.5-136 mg cumm gabbro											
238-270	021	237.8 fol. fmg cumm gab											
		65% plag, 30% cumm, 5% small hbl clots, tr bio											
					119	137		0	0	0	0	0	
		136-160 schincl, pegmatite			137	143		0.34	0.40	0.02	0	0	
270-279	05	270.5 msv sulf											
		50% sch: plag, bio, gar, qtz (chl); 50% mg peg: ksp, plag, qtz, bio,			143	148		0.10	0.11	0.02	0	0	
		minor sericite; some fg gabbro near top contaminated			148	158		0.20	0.15	0.02	0	0	
~~297~~	021	heavily by sch to a diorite: plag, hbl, bio			158	168		0.11	0.30	0.02	0	0	
~~279~~		2-3% sulfide vns, vnlts, mag po, cp above usual											

E-32

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12203	17051	23019	90	

Deposit Atlas
Drill Hole EDA-32
Logged by H. M. Parker
Date 1972
Page 2 of 5

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	A & AG	Deposit
279			5	10	15	20		25	30	35		40	45	78 80
		fg cumm gabbro	12203	17051	16810	17110		0.0710	0.5412	0.0151	0	1.510		
279-325	025	fmg gab, peg												
		65% plag, 20% cumm, 15% hbl (5-10% where rexts), sugary text, loc rexts, schists - mineralized												
		3% sulfide segs, vnlts, mod strong mag po, cp vnlts												
		170.5-178 fg cumm gabbro, pegmatite												
325		gabbro: 65% plag, 25% cumm, pabbly, 10% hbl - small clots, loc rexts, mg w up to 20-40% bio near pegs, also plag-bio, musc schists												
		cg cumm gab eucritic												
325-360	022	2% sulfide, mod mag po, cp vnlts - gen sulfide in peg			121	1915		0	0	0	0	0		
360		178-193 mcg cumm gabbro			19115	19310		0.1.712	1.1.510	0.0.2.6	0	3.8.7		
		fmg cumm gab												
		65% plag grad 20% cumm patches, 10% hbl subophic blebs, 5-10% bio (small segs), rexts tex, loc peg												
		1% strong mag loc sulfide blebs												
360-418	021	193-237.8 msv sulfides			19310	19810		2.1.612	0.7.214	0.1.7.6	0	0		
		95% mcg po, weak, mod mag variable, opas irreg blebs-vnlts, large pa granuls (219-223 lost)			19810	20310		2.0.917	0.7.214	0.1.6.1	0	0		
					20310	20810		2.0.116	0.8.010	0.1.4.7	0	0		
413	lost				20810	21310		2.0.917	0.8.619	0.1.3.2	0	0	TR N I L	
418	bottom	237.8-270.5 fmg cummgabbro			21310	21910	6.0	1.9.511	0.8.119	0.1.6.9	0	0		
		60-65% plag asic-patch, 20% cumm patch, 5-10% hbl, 5-10% bio, locless, loc rexts, loc plag bio qtz peg, loc cg (242-246), 25-30° fol @ top - inds?, 241 rose qtz vns, near pegs			21910	22310	4.0	2.0.917	0.5.415	0.1.5.8	0	0		
					22310	22810		2.2.413	0.2.710	0.1.4.7	0	0		
		bio, cumm → chl.	8.6.4.0.6	3.4.3.9.8	22810	23310		0.5.619	1.0.210	0.1.7.6	5.5.21	3.3.215		
		2-5% po (mag), and cp dissem blebs, vnlts, blebs and stringers in po. 267-268 8" msv zone n v. weak mag po.			23310	23717	A-7	2.2.111	1.1.211	0.1.6.1	4.4+7	1.9.31	0.7.7 0.1.6	
					23717	24710	19.3	0.1.012	0.0.516	0.1.0.0.7	0	0		
					24710	25710	10.	0.1.5.14	0.1.1.511	0.1.0.0.7	0	0		
			5.5.5.2	4.6.8.8	25710	26610	9.	0.2.217	0.2.313	0.1.0.0.7	3.3+3	0.1.7	0.1.4 0.0.0.7	
		270.5-279 msv sulfides			26610	27110		0.8.317	0.0.914	0.1.0.8.1	0	0		
		95%! mg weak mag po, cp as blebs and stringers, qtz, bio, plag inds: mg plag qtz bio peg inds w bio reaction near			27110	27610		1.4.719	1.1.8.217	0.1.1.1.0	0	0	TRNIL	
		sulfides, 273' loc fg gab incl similar to 237-270.5	1.8.2.8.5	1.0.2.	27610	28110		1.3.411	0.1.1.19	0.1.1.7	1.510	1.2.21	0.6.8 0.1.0	
					28110	29610		0.0.410	0.0.215	0.1.0.0.7	0	0		
		279-325 fmg (variable) cumm gabbro, mcg peg malite			29610	30410		0.1.612	0.1.917	0.1.0.2.2	0	0		
		60% gabbro: 60-70% plag, 20-30% cumm, 5-15% bio, 2-10% hbl aug, some bio-chl after cumm loc, few schists, varying			30410	30910		0.0.412	0.0.317	0.1.0.0.7	0	0		
					30910	31410		0.5.316	0.1.115	0.1.0.7.3	0	0		
		degree of rexts and react w peg, patchy text; 40% peg malite: plag bio musc qtz (ksp?)			31410	32510		0.0.210	0.0.715	0.1.0.0.7	0	0		
					325	418		0	0	0	0	0		
		2% sulfides, mod strong mag po, cp as vnlts, loc msv assoc w peg.			19310	28111					8810 ppm	1.2.51	0.6.6	
		325-360 cg cumm gabbro (eucritic)												
		60% plag, 25% cumm (5% hbl), 10% hbl-aug opx, somewhat rexts, patchy tex, loc peg vns [6" @ 326) plag, qtz bio, musc,												

No fw contact

E-32

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-32
Logged by H. M. Parker
Date 1972
Page 3 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12203	1705	2309	90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
360-413 f-mg cumm gabbro, variable grainsize 65% plag, and 25-30% cumm - patchy tx., 5-10% hbl-ang suboph clots, loc rextz w grainsize proportional to amt of rextz.										
413-418 lost, hole ended at 418', must quote Holmes: "Bottom one-half inch of bit with diamonds is fused to rock at 418' of depth"										

E-33

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Areas
Drill Hole EDA-33
Logged by H.M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12305	22599	2076	90	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0														
3.4	till cummgab	0-3.4' overburden - glacial till	12305 22599											
9.0	fg mg gab	AXCore Below												
021		3.4-9.0 mg cumm Gabbro		3.4	14.10		0.0 312	0.0 414	0	0	0			
400	fg gab schinels	65% plag, as.c patches, 20-25% cumm inst patches, 10% aughbl clots, 5% bio occurs segs, 12 6" ksp peg vn @ bot		14.10	24.10		0.0 32	0.0 414	0	0	0			
40-66	025	tr mod mag sulf blebs												
660		9.0-400 f and mg gabbro		24.10	34.10		0.0 410	0.0 510	0	0	0			
06-81	msv sulf	60-65% plag, 20-25% cumm/loc anth, 10% hbl clots, fw		34.10	44.10		0.0 415	0.0 414	0	0	0			
31-89	81 06 89	oph segs, 5-10% bio; more rexte than above, 5% sch inels		44.10	54.10		0.0 611	0.0 914	0	0	0			
	pd	1% sulfides (loc blebs - segs - mod mag)												
	fg cumm gab, peg													
39-128	025	40-66 fg gabbro (loc mg), schinels		54.10	64.10		0.1 216	0.0 619	0	0	0			
		65% plag, and 20-25% cumm/anth patchy, 10% hbl clots, 0-5% bio flakes, 15% mt graph sch inels		64.10	66.10		0.2 115	0.1 119	0.0 3.7	0	0			
128		2% sulfide for intr - assoc'd w schinels - strong mag												
128-139	022	f-mg cumm gab-gabbro												
139														
39-162	024	hybrid gab, sch												
		66-81 msv sulfides		66.10	71.10		2.0 917	0.8 215	0.1 5.4	0	0			
Footwall	162.5	95%, a-cg po, med mag, apas segs, blebs, fw chl inds, peridotite incl in last foot		71.10	76.10		2.3 411	1.4 014	0.1 9.1	0	6	T.R.	0.4	
	rock fol.			76.10	81.10		1.9 617	0.7 612	0.1 4.7	1.510	2.1 14	0.9.9	0.1 6.	
	sch													
162-190	03	81-89 mg peridotite		81.10	86.10		0.2 516	0.1 119	0.0 4.4	0	0			
185		chl-cumm type, 10-15% magnetic blk oli.? and soft graph.? loc talc around chl segs.		86.10	93.10		0.1 518	0.4 115	0.0 2.9	0	0			
190	lost bottom?	5% sulfide segs - strong mag												
		89-128 fg cumm gabbro (similar to above), peg		93.10	103.10		0.0 116	0.0 215	0.0 0.7	0	0			
		60% plag (patchy), 25-30% cumm intergrown with 5-10 hbl, also as loc segs, 5-10% bio (pork segs)												
		15% ksp, plag qtz bio peg vns w sulfide, fw schinels												
		3% sulfide to 933 po = cp?, strong mag												
		1% thereafter												
		128-139 f-mg cumm gabbro (loc eucritic)												
		65% plag ask, 25% cumm (loc bz) patches, 10% hbl clots, 0-5% bio												
		139-162.5 Hybrid zone: sch and gabbro												
		60% plag bio marbled sch w loc chl, graph mt												
		40% gabbro: 70% plag, 20% cumm, 10-15% bio												

E-33

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 6
Drill Hole EDA-33
Logged by H.M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate	Collar Elev.	Angle	Azimuth
				12305 2259	2076	96	

Depth (1"=40') | % Sulfide (visual) 20 40 60 80 100

Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
162.5-185 schist plag,bio,chl w plag-qtz segs, loc mt, graph, loc pegs, crenulated fol, 10-15° poor, unit is mod magnetic										
185-190? lost, some ambiguity in Holmes's log as to whether hole had bottom at 187 or 190'										

E-34

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12004	17978	2335	90	

Deposit Areas
Drill Hole EDA-34
Logged by W.M. Parker
Date 1973
Page 1 of 3

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0			5	10	15	20		25	30	35		40	45	75 80
0-20	01 till	0-19.6 overburden - glacial till	12004	17978									
20-51	021 m,m-cg cumm gab	19.6-51 m,m-cg cumm gabbro			196	2510		0·146	0·081				
		60-65% plag - patches, segs, few laths, 25-30% cumm - v lt grn patches, 10% ang hbl aph segs, 5-10% bio segs (more near pegs, 5% ksp pegs w chl											
		19.6-24 3% sulfide blebs, fg po assoc w oxide segs, v fg cpo blebs, qtz blebs here also											
51-68	021 f,mg cumm gab	51-68 f,mg cumm gabbro			6210	7410		0·049	0·051				
68-81	021 mcg mafic cumm gab	50-60% plag laths, 30% cumm patches inst, 10-15% bio segs, 5% hbl v fuzzy clots, 10% pegs											
		rare dissem sulfides											
81-135	05 msv sulf, mcg cumm gab, peg	68-81 mafic mcg cumm gabbro			7410	8510		0·065	0·051				
		30% plag, 50-60% cumm, 10% ang hbl, <5% bio, plag-cumm segs, loc pd: talc-chl-hbl w some cumm											
		1-2% sulfide blebs - mod magnetic											
135		81-135 msv sulfides m-cg cumm gabbro, pegmatite			8510	9010		0·248	0·189	010	3.7		
	pd	50% msv sulfides: some blebs, mod mag f,mg po, cpas segs, blebs; 40% gabbro; 65% plag laths and 25% cumm patches, loc antho, 5% hbl, 5% bio; 10% pegmatite: ksp plag qtz, w chl, musco; loc schists	9010	9510	9010	9510		0·869	0·4218	011	1.0		
			9510	10010	1·682	0·5411	011	8.3					
35-182	06		10010	10510	1·056	0·2813	011	9.1					
			10510	11010	0·748	0·138	011	0.3					
		135-181.5 peridotite	11010	11510	2·113	0·6913	011	9.1	5.561	33.213			
		talc chl, hbl type; loc mcg cumm chl gabbro: 50% plag	11510	12010	1·276	0·5418	011	6.1					
181.5			12010	12510	1·211	0·3512	011	4.7					
182-188	021 msv gab, diorite	50% cumm, 5% hbl,	12510	13010	1·1318	0·1613	011	2.5					
188		5-10% sulfides, loc msv vns near top, weak-mod	13010	13510	2·1015	0·3416	011	9.1					
188-203	07	mag fg po, cpas tiny blebs, segs, few veins	13510	14010	1·1612	0·2710	011	2.5	5.010	1.314	0.38		
203			14010	14510	0·5218	0·4616	010	4.4					
203-218	025 pd, peg & schists	181.5-218 fg diorite, schists, peg, m-cg gabbro, pd	14510	15010	0·1817	0·2210	010	1.4					
218		diorite: 65% plag, 20% hbl, 15% bio, 2-3% gar - mixed	15010	15510	0·244	0·1318	010	1.4					
218-227	05 msv sulf	w schists, peg; gabbro: 60% plag laths, 5% hbl-fg clots	15510	16010	0·3019	0·1216	010	1.4					
227-240	021 mg cumm gab	30% loc cumm inst patches, 5% bio segs; talc chl pd zones near base	16010	17010	0·2410	0·1010	010	1.4					
240			17010	18010	0·1612	0·0444	010	1.4					
		3% scattered dissem sulfide blebs, mod mag	18010	19010	0·0410	0·0215	010	0.7					
240-261	025 m-cg cumm gab, peg		19010	19510	0·4417	0·2017	010	3.7					
		218-227 msv sulfide	19510	20510	0·2019	0·0510	010	1.4					
		90%: f-mg po, mod mag, plag, chl inclds	20510	21510	0·1911	0·0317	010	1.4					
			21510	22010	0·6616	0·2017	010	5.1					
		227-240 mg cumm gabbro	22010	22510	1·3313	0·4917	011	0.3					
		65% plag and 25-30% cumm patchy rests, 5% bio segs, 2% oxides clots, tr hbl?	22510	23010	0·4417	0·2313	010	5.1					
			23010	24010	0·0914	0·0811	010	0.7					

cont.

E-34

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-34
Logged by: H.M. Parker
Date: 1973
Page 2 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12004	1798	2335	90	

Depth (1" = 40') | % Sulfide (visual) 20 40 60 80 100

Depth	Description	Drill Hole No.	From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
261	240-261 m-cg cumm gabbro, peg	12004 1798									
	85% gabbro: 60% plag, 25-30% lt grn cumm and dk gr hbl as patches, 10-15% bio segs, rextz text, also present: mg "normal" gabbro, m-cg plag cumm bio (hbl) gab(?) (241.8/243.6 - 1' core loss)										
021	261-322 m, m-cg cumm gabbro		2670	2740		0.056	0.072	0.010		1.218	
	65% lathy plag to inst patches, 25% inst cumm patches, 5-10% hbl-aug suboph clots, fg zones 267-274; gen rextz text; 313 carb vnlt - hbl alt of gabbro		2740	2910		0.071	0.045	0.011		1.216	
carb-hbl. alt →	1-2% scattered sulfide blebs, strong mag										
322											
021 fg cumm gab											
331											
021 peg, m-cg cumm gab	322-331 fg cumm gabbro		3250	3300		0.731	0.176	0.073			
	65-70% plag and 25% cumm as patches, 5-10% hbl clots, 5-10% bio segs										
352											
021 mg cumm gab	10% msv sulfide vns, strong mag, mg po, cp as tiny blebs										
371											
021 m-c, cg cumm gab	331-352 pegmatite, m-cg cumm gabbro										
61-530 021	pegmatite: ksp, plag, chl, musc w loc tourm; gabbro: 50% plag, and 40% cumm as patches, 5-10% bio segs, 2-3% oxide clots, tr hbl; gabbro shows rextz or segs of plag and cumm originally(?)										
392.5											
mg gab											
	352-371 mg cumm gabbro										
021	50-55% plag and 25-30% cumm as patches, 10% bio segs, 5% hbl clots										
	371-392.5 m-c, cg cumm gabbro										
	50-55% plag laths-patch, 35-40% cumm and 10% hbl intergrown patches, loc bio										
	392.5-482 mg gabbro		3990	4040		0.065	0.075	0.007			
482	in general: 65% plag and 20% cumm as patches, 10% bio segs, 5% hbl clots, few loc fg zones, loc sch incls, peg vns		4040	4090		0.097	0.113	0.014			
021 loc carb alt mg gab	400-418 peg, sch incls (graph-mt bio) predominate 5% sulfides, strong mag		4090	4160		0.122	0.094	0.022			
509	425 broken core,										
021 fg cumm gab sch incls	446-452 antho gabbro, sch incls 5% sulfides, vns and assoc w sch incls		4460	4520		0.195	0.132	0.037			
530 Footwall 530	467-481 mixed peg, sch incls, gab, qtz vns 5-10% sulfides strong mag		4670	4730		0.130	0.069	0.029			
530-551 03 avg fol sch			4750	4810		0.162	0.176	0.029			
544											
551 lost bottom	482-509 mg gabbro (loc fg)										
	same composition as above but darker, more rextz, loc carb alt										

E-34

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-34
Logged by H.M. Parker
Date 1973
Page 3 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12004	1798	2335	90	

Depth (1"=40') 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
509-530 fg cumm gabbro, sch incls	12004	1798									
60% plag, 30% cumm, 5% hbl, 5% bio; swirl ed tex, patchy-sugary w few segs, chill zone?											
530-544 schist											
plag bio qtz pseudosilli; plag qtz lays, avg fol. 20°, py loc on fracs											
544-551 lost (according to Holmes' schist dropped in hole)											

38 done

E-35

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12102	2008	2223	90	

Deposit Area 5
Drill Hole EOA-35
Logged by H.M. Parker
Date 1973
Page 1 of 1

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0			5	10	15	20		25	30	35		40	45		75 80
0-22 01	till	0-22 overburden, gabbro blders, glacial till	12102	2008	1										
		AXCore Below													
22					01	0	8	01	01	10	0	01			
22-79 021	inc q cumm gab loc ouer.	22-78.5 m-cg cumm gabbro(loc oueritic)			2,210	2,511	3	0:7315	0:5315	0:0,5,1	0				
		60% plag laths, 25% cumm (up to 15% bz sometimes)			2,511	3,010	A	1:7,60	0:1,915	0:1,25	0				
		patches-ophitic, 10% hbl-aug patches-ophitic,			3,010	3,510		0:4016	0:2,717	0:0,5,1	0				
		loc 5-10% bio segs, loc chl replcumm			3,510	4,010		0:5,717	0:4019	0:0,5,1	0				
		22-64 15-20% inst blobs & sulfide, loc vns			4,010	4,510		0:4311	0:3018	0:0,5,9	0				
		25-28, others 2-3", weak mag PO, cp as segs and blobs			4,510	5,010		0:5,112	0:2916	0:0,5,9	0				
78.5	msv suif	64-78 5-6% sulfides blobs and vns			5,010	5,510		0:3616	0:2114	0:0,4,4	0				
					5,510	6,010		0:5,112	0:2,819	0:0,4,4	0				
79-112 05		78.5-112.5 msv sulfides			6,010	6,510		0:9617	0:4,917	0:0,6,6	0				
		95%: weak mag m-cg po, cp as segs, few chl			6,510	7,010		0:1,510	0:0811	0:0,2,2	0				
		inels, loc anthe gab inels			7,010	7,510		0:3,117	0:1,710	0:0,3,7	5,3	0:6,015	0:2,9		
		(86.3-92.3 ground up)			7,510	8,010		1:4,97	0:7,117	0:1,1,7	0	0			
112.5	f-mg gab, msv sulf, peg	112.5-132 f-mg gabbro, msv sulfides, pegmatite			8,010	8,613		2:0312	1:4213	0:1,6,9	0	0	TR	N.I.	
112-132 024		95% gabbro: 60% plag and 30% cumm/anthe as			8,613	9,213	6.0	2:1,412	1:2,815	0:1,2,4	45	0			
132	vf, fg gab, peg	patches, 5-10% hbl clots, 10% bio segs; 40% msv			9,213	9,710	4.7	2:2,511	1:1,46	0:1,9,8	0	0			
		sulfide vns and dissem: m-cg weak mag po, cp as			9,710	10,210		2:1,718	0:7,419	0:2,0,5	5,8	33.613			
132-170 04		blebs, vnlt segs; 15% peg: ksp, plag, qtz, bio, musc			10,210	10,710		1:7,417	0:9318	0:1,8,3	0	0			
		w loc gar.			10,710	11,210		1:9,511	0:2,114	0:1,5,4	0	0			
					11,210	11,710		1:2,013	0:1,613	0:1,1,7	0	0			
167		132-167 v/g-fg gabbro, pegmatite			11,710	12,210		1:5,516	0:4,712	0:1,3,9	0	0			
170	lost	70% gabbro: 65% plag, 20% anthe/cumm, 10% bio segs,			12,210	12,710		0:8,217	0:5,116	0:0,8,8	0	0			
	bottom	5-10% hbl clots; 30% peg: plag, ksp, bio, musc, loc			12,710	13,210		1:7614	0:4,718	0:1,3,9	5,7	1:715	0:7.6	0:1.5	
		gneissic; few loc sch inels			13,210	13,710		0:6,011	0:1,017	0:0,7,3	0	0			
		132-138 15% sulfide segs, weak-mod mag,			13,710	14,710		0:1,26	0:0,94	0:0,2,2	1	1:20	0:5.3		
		138-145 5% cp as segs			147	156.5		0	0	0	0	0			
		145-156 1%			156.5	162.5		0:0,815	0:0,619	0:0,2,2	0				
		156-162 3%			162.5	167.0		0:0,51	0:0,613	0:0,1,0	0	1:1.3			
		162-167 1% (assoc w sch inels)													
		167-170 lost													

(39) done

E-36

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,9,0,0	1,7,5,3	2,2,8,9	9,0	

Deposit Area 5
Drill Hole EDA-36
Logged by H.M.Parker
Date 1973
Page 1 of 3

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0														
-20	01	till	0-20 overburden - glacial till	1,1,9,0,0	1,7,5,3									
			AX Core Below											
20		f-m, cumm gab	20-50 f-m, loc fg cumm gabbro (loc ewritic)											
0-50	021 Hc broken		65% plag some anic, 20% cumm patchies, 5-10% aug-hbl segs 5-10% bio, loc graph mt-po segs, loc rhyolz, core loc broken throughout											
50		fg gab	1% sulfide blebs, strong mag		01 50		01	0	0					
0-82	021		50-82.5 fg gabbro	5,0 10	6,0 10		0:1,6 12	0:1,1 13	01:0,2 2	01	01			
			65-% plag anic, 25-30% inst cumm-antho (Hbrnor yell), 5-10% aug-hbl very tiny clots, loc 10-15% xhinds	6,0 10	6,5 10		0:0,3 12	0:0,1 18	01:0,0 7	0				
82.5		msv sulf		6,5 10	7,0 10		0:3,8 12	0:2,1 14	01:0,3 7	0				
			50-69: 3-5% po, strong mag segs, cpas tiny segs.	7,0 10	7,5 10		0:7,2 13	0:4,2 18	01:0,6 6	10				
32-123	05		69-82.5 15-% sulfides, msv vns, segs, mod strong mag po, cpas blebs.	7,5 10	8,0 10		0:2,6 18	0:1,5 17	01:0,1 5	3,01	0:1,219	:0:1.5		
				8,0 10	8,5 10		1:8,3 17	0:7,1 11	01:6,1	0				
123		m-cg cumm gab, pcg	82.5-123 msv sulfide	8,5 10	9,0 10		2:2,1 11	0:9,4 15	01:9,1	0				
			95-% : m-cg po, weak - mod mag, cpas blebs, segs, chl and loc sulfidic gabbro incls	9,0 10	9,5 10		2:1 219	1:1 212	01:1 76	0				
				9,5 10	10,0 10		2,0,1 16	0:6,6 11	01:1,76	5,7:21	3,2:917			
3-168	025		123-168.5 m-cg cumm gabbro, pegmatite	10,0 10	10,5 10		1:6,019	1:5,014	01:1 32	0		TRNIL		
			50% gabbro: 65% plag, 20% cumm, 10% bio segs, 5% aug-hbl; plag-cumm patchy, locally ic tex; 50% peg: ksp, plag, qtz, bio, musc	10,5 10	11,0 10		2:0,4 18	0:1,6 13	01:1,98	0				
				11,0 10	11,5 10		2:0,4 18	0:7,4 13	01:1,83	0				
				11,5 10	12,0 10		1:8,6 19	0:6,8 16	01:1,76	10				
				12,0 10	12,5 10		1:4,7 19	0:6,8 16	01:1,5,4	4,5:0	1:9,12	0:8,0	0:1,7	
				12,5 10	13,8 10		0:1,7 10	0:0,8 11		0				
				13,8 10	15,2 10		0:0,1 16	0:0,1 12		0				
68-182	06		3-5% sulfides dissem mostly in gab, few vns in peg, strong mag	15,2 10	15,8 10		0:2,8 14	0:1,3 12	01:0,7 3	0				
32-188	022 181.5	m-cg ewr gab		15,8 10	16,8 10		0:2,1 19	0:0,8 11	01:0,2,9	0				
88-195	021 187.5 195	m-cg mafic gab		16,8 10	17,8 10		0:1,4 16	0:0,7 15	01:0,2,2	0				
			168.5-181.5 mg peridotite	17,8 10	18,8 10		0:1,2 16	0:1,1 14	01:0,2 2	10				
95-219	06	pd	60% talc, 40% chl (cumm), few big chl balls, loc aug, cumm (chl) esp from 177, and here lesser talc	18,8 10	19,3 10		0:1,6 12	0:0,8 11	01:0,1,5	0				
			5% rounded 1/4" sulfide blebs, few vnlts, weak non-mag											
219														
219-241	021 loc broken	f-mg cumm gab	181.5-1825 m-cg ewritic gabbro											
241			60% plag, 20% cumm and 15% bz patchy, 5-10% aug subophi											
41-252	022	m-cg ewr	2% sulfides - blebs and segs, strong mag											
252.5														
52-260	04 260	pg												
260-270	021 270	mg cumm gab	187.5-195 m-cg mafic gabbro											
270-287	023	f-mg anth gab	30% plag segs, 50% cumm patches 20% aug-hbl-small clots,											
287			2-5% sulfide blebs, cpas tiny segs, mod-weak											

E-36

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole EDA-36
Logged by H.M. Parker
Date 1973
Page 1 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,190	1,753	2,819	90	

Depth (1"=40')	% Sulfide (visual)	Description
287		
021	fg cumm gab	195-219 peridolite 60-70% talc, 10-20% chl, 10-20% hbl (may be blk oli), loc broken 208, 212-214 2-3% sulfides, dissem blebs, weak mag, some sulfides repl by talc?
313		
021	mg cumm gab	
326		
06	mg pd	219-241 f-m g cumm gabbro 65% plag (loc usic) and 20-25% lt grn cumm as patches 5-10% hbl-aug clots, 2-5% bio, loc mt graph schists, bio segs, broken zones 2% sulfide blebs and veinlets, strong magnetic
347		
021	fg cumm gab	
352		
021	f-mg cumm gab	
374		241-252.5 m-cg anorthite 60% plag, 15% aug segs-poik, 10% bz, 15% cumm, loc chl, 241.5 large spinel segs tr sulfide
06	mg pd	
382		
04	peg gab	252.5-260 ksp, plag, qtz, bio musc pegmatite
395		
021	fg cumm gab	
413		
025	sch inds	260-270 mg cumm gabbro 65% plag, 25-30% cumm, 5-10% bio, 2% hbl-aug, rare qtz-patchy text
434		
024	hybrid diorite, gab	
452		270-287 f-mg anth gabbro 70% plag and 15-20% anth (cumm in last 8') as patches, 3% hbl-tiny clots, 5% bio segs, loc sch inds 2-3% sulfide blebs, weak mag, c pas tiny segs above 278', 5% below
Footwall		
fol.	sch	
03		287-313 fg cumm gabbro 40-50% plag and 40-50% cumm as patches, 5% hbl-aug tiny clots, 5% sulfide veins, blebs, dissem, mod mag, c pas on frac near bottom (292-295 core loss, chips recovered, low grade)
472		
476	lost	

Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Au	Ag	Deposit
1,190	1,753											
			193		0	0	0	0	0			
		193	266		0	0	0	0	0			
		266	270		0.04	0.01	0.00	0	0			
		270	276		0.07	0.01	0.00	0	0			
		276	281		0.07	0.01	0.01	0	0			
		281	286		0.06	0.05	0.02	0	0			N.I.
		286	290		0.03	0.02	0.00	0	0			N.I.
		290	296		0.03	0.02	0.00	0	0			N.I.
		296	301		0.03	0.02	0.00	0	0			N.I.
		301	306		0.05	0.02	0.00	0	0			N.I.
		306	310		0.04	0.02	0.00	0	0			N.I.
		310	315		0.05	0.02	0.00	0	0			N.I.
		315	320		0.05	0.02	0.00	0	0			N.I.
		320	324		0.07	0.02	0.00	0	0			N.I.
		324	329		0.19	0.02	0.00	0	0	A.3	9	0.3
		329	334		0.14	0.02	0.00	0	0			0.3
		334	339		0.19	0.02	0.00	0	0			0.3
		339	344		0.16	0.02	0.00	0	0			0.3
		344	349		0.18	0.02	0.00	0	0			0.3
		349	354		0.16	0.02	0.00	0	0			0.3
		354	359		0.15	0.02	0.00	0	0			0.3
		359	364		0.16	0.02	0.00	0	0			0.3
		364	369		0.18	0.02	0.00	0	0			0.3
		369	374		0.16	0.02	0.00	0	0			0.3
		374	379		0.16	0.02	0.00	0	0			0.3
		379	384		0.16	0.02	0.00	0	0			0.3
		384	389		0.16	0.02	0.00	0	0			0.3
		389	394		0.16	0.02	0.00	0	0			0.3
		394	399		0.16	0.02	0.00	0	0			0.3
		399	404		0.16	0.02	0.00	0	0			0.3
		404	409		0.16	0.02	0.00	0	0			0.3
		409	414		0.16	0.02	0.00	0	0			0.3
		414	419		0.16	0.02	0.00	0	0			0.3
		419	424		0.16	0.02	0.00	0	0			0.3
		424	429		0.16	0.02	0.00	0	0			0.3
		429	434		0.16	0.02	0.00	0	0			0.3
		434	439		0.16	0.02	0.00	0	0			0.3
		439	444		0.16	0.02	0.00	0	0			0.3
		444	449		0.16	0.02	0.00	0	0			0.3
		449	454		0.16	0.02	0.00	0	0			0.3
		454	459		0.16	0.02	0.00	0	0			0.3
		459	464		0.16	0.02	0.00	0	0			0.3
		464	469		0.16	0.02	0.00	0	0			0.3
		469	474		0.16	0.02	0.00	0	0			0.3
		474	476		0.16	0.02	0.00	0	0			0.3
		193	266		0	0	0	0	0			
		266	270		0.04	0.01	0.00	0	0			
		270	276		0.07	0.01	0.01	0	0			N.I.
		276	281		0.07	0.01	0.01	0	0			N.I.
		281	286		0.06	0.05	0.02	0	0			N.I.
		286	290		0.03	0.02	0.00	0	0			N.I.
		290	296		0.03	0.02	0.00	0	0			N.I.
		296	301		0.03	0.02	0.00	0	0			N.I.
		301	306		0.05	0.02	0.00	0	0			N.I.
		306	310		0.04	0.02	0.00	0	0			N.I.
		310	315		0.05	0.02	0.00	0	0			N.I.
		315	320		0.05	0.02	0.00	0	0			N.I.
		320	324		0.07	0.02	0.00	0	0			N.I.
		324	329		0.19	0.02	0.00	0	0	A.3	9	0.3
		329	334		0.14	0.02	0.00	0	0			0.3
		334	339		0.19	0.02	0.00	0	0			0.3
		339	344		0.16	0.02	0.00	0	0			0.3
		344	349		0.18	0.02	0.00	0	0			0.3
		349	354		0.16	0.02	0.00	0	0			0.3
		354	359		0.15	0.02	0.00	0	0			0.3
		359	364		0.16	0.02	0.00	0	0			0.3
		364	369		0.18	0.02	0.00	0	0			0.3
		369	374		0.16	0.02	0.00	0	0			0.3
		374	379		0.16	0.02	0.00	0	0			0.3
		379	384		0.16	0.02	0.00	0	0			0.3
		384	389		0.16	0.02	0.00	0	0			0.3
		389	394		0.16	0.02	0.00	0	0			0.3
		394	399		0.16	0.02	0.00	0	0			0.3
		399	404		0.16	0.02	0.00	0	0			0.3
		404	409		0.16	0.02	0.00	0	0			0.3
		409	414		0.16	0.02	0.00	0	0			0.3
		414	419		0.16	0.02	0.00	0	0			0.3
		419	424		0.16	0.02	0.00	0	0			0.3
		424	429		0.16	0.02	0.00	0	0			0.3
		429	434		0.16	0.02	0.00	0	0			0.3
		434	439		0.16	0.02	0.00	0	0			0.3
		439	444		0.16	0.02	0.00	0	0			0.3
		444	449		0.16	0.02	0.00	0	0			0.3
		449	454		0.16	0.02	0.00	0	0			0.3
		454	459		0.16	0.02	0.00	0	0			0.3
		459	464		0.16	0.02	0.00	0	0			0.3
		464	469		0.16	0.02	0.00	0	0			0.3
		469	474		0.16	0.02	0.00	0	0			0.3
		474	476		0.16	0.02	0.00	0	0			0.3

E-36

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,1,9,0,0	1,7,5,3	2,2,8,9	9,0	

Deposit Area 5
Drill Hole EDA-36
Logged by H.M.Parker
Date 1973
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Depth (1"=40') | 20 % Sulfide 40 60 80 100 (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
347-352 fg cumm gabbro	1,1,9,0,0	1,7,5,3									
65% plag ass, 25-30% cumm, 5-10% hbl-aug, tr antho, bio											
5-10% sulfides, moderate mag blebs, segs											
352-374 f-mg cummgabbro			3,5,3,10	3,6,0,10		0.7516	0.3410	0.081			
composition as above, patchy plag, mafic zones, loc talc											
15% sulfide, mod mag, net text, segs			3,6,1,10	3,6,7,10		0.8914	0.2813	0.103			
(360-361 ground up)			3,6,7,10	3,7,2,10		0.6412	0.6714	0.051	.46 10	.06 10	.041
374-382 mg peridotite			3,7,2,10	3,7,7,10		0.2610	0.1613	0.059			
85% talc, chl repl cumm, 15% hbl			3,7,7,10	3,8,2,10		0.2119	0.1216	0.037			
5% sulfide blebs, segs, mod mag			3,8,2,10	3,9,2,10		0.0419	0.0414	0.014			
			3,9,2,10	4,0,2,10		0.105	0.1113	0.022			
382-395 pegmatite, gabbro											
65% pegmatite: ksp, plag, bio, musc, 35% m g gabbro											
65% ass-patchy plag, 25% cumm patches, 10% hbl clots, loc talc anthop'd											
1% sulfides, strong mag blebs											
395-413 fg cumm gabbro (loc mg text)			4,0,2,10	4,0,7,0		0.5014	0.3115	0.0559			
65% plag and 25% cumm as patches, 5% hbl-aug fringe clots, 5% bio segs-loc to 15%			4,0,7,0	4,1,2,10		0.4817	0.3217	0.0559			
			4,1,2,10	4,1,8,10		0.219	0.1312	0.0637			
5-10% weak mag sulfide blebs, cpas blebs, some big po grains											
413-434 schist incls			4,1,8,10	4,2,8,10		0.0811	0.0811	0.0144			
plag, bio, gtz											
1% sulfide veins, weak mag											
434-452 hybrid zones: fg diorite? mg gabbro, sch (65%) diorite?: plag bio cumm; gabbro: plag, 25% cumm, hbl?, 10% bio, very patchy text'z tex											
452-472 schist											
plag, bio, gtz, gar, graph, pseudosill.?, w plag-gtz segs, 15°c contorted fol.											
472-476 lost											

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(43) done

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12199	2129	2129	90	

Deposit Areas
Drill Hole EDA-39
Logged by H.M. Parker
Date 1972
Page 1 of 2

Depth (1"=40')	%Sulfide (visual) 20 40 60 80	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Ag	Deposit
0			5	10	15	20		25	30	35		40	45		80
0-15 01 — 15	till	0-15 overburden – glacial till	12199	2129											
		Ax Core Below													
15-98 021	fg gab	15-93 fg gabbro			15	20		0.2.8	0.1.4	0.0.2					
		60-70% plag, 20-30% cumm, bbl, upto 10% bio in rxtz areas, 15%? sch inels, cx rextz & hi sbse near sulfides, local gar			20	24		0.1.2	0.0.7	0.0.2					
					26	31		0.4.8	0.1.8	0.0.4					
		28.5-29 6" cumm, anthophyllite, bio w 5% po blebs			31	36		0.2.4	0.2.0	0.0.1					
		34-36 "differentiated" peg dike plag, qtz, bio on outside, ksp, qtz on inside			36	41		0.2.2	0.0.9	0.0.1					
		40-41.5 qtz, plag, musc, bio peg; blebs, veins of sulfide			41	46		0.1.0	0.0.5	0.0.1					
					46	51		0.2.8	0.1.3	0.0.1					
					51	56		0.1.7	0.0.9	0.0.1					
					56	61		0.1.3	0.0.8	0.0.1					
					61	66		0.1.7	0.0.9	0.0.1					
					66	71		0.0.8	0.0.6	0.0.0					
93	mg cumm gab	5% sulfides overall, loc msv, po weak mag, r/trille			71	77		0.1.9	0.1.0	0.0.1					
98		cp.			77	86		0.0.6	0.0.3						
98-110 04 — 110	mg peg	(24-26 groundup)			86	93		0.0.6	0.0.4						
110-119 05 114 — 119	massive mg hbl zone	93-98 mg cummgabbro (loc excrite)			93	98		0.0.4	0.0.4						
	fg cumm gab, schinels	50-60% asic plag, 30% patch cumm, loc bz, 10%-15% aug-hbl segs 1/8"-1/4" oph			98	110		0.0.6	0.0.3						
119-140 025					110	114		0.1.9	0.1.0	0.0.1					
140		98-110 mg pegmatite			114	119		0.0.8	0.0.4	0.0.0					
140-157 021 153	rfg cumm gab	plag, qtz, musc, bio; loc fmg gab inels: 60% plag, 20% bio, 20% cumm			119	124		0.0.7	0.0.3	0.0.0					
157 shear	fg bbl gab, msv sulf, fg gab	3% sulfides, loc cp, po (magnetic) segs			124	129		0.0.9	0.0.4	0.0.0					
					129	134		0.0.8	0.0.4	0.0.0					
157-190 05 173	mg peg	110-114 msv, blob sulfides, pegmatite, gabbro			134	139		0.0.6	0.0.3	0.0.0					
		80% sulfides: weak mag po, cpas stringer-segs			139	144		0.0.5	0.0.3	0.0.0					
190.5		20% mg rextz gabbro: 60% plag, 20% bio, 20% cumm, ab peg; loc gar, chl inels in sulfide			144	149		0.0.5	0.0.3	0.0.0					
190-198 025 197.8	fg gab, schinels				149	154		0.0.5	0.0.3	0.0.0					
	mcg gab	114-119 mg hbl gabbro			154	159		0.0.5	0.0.3	0.0.0					
198-240 021		75% plag, 15%, hbl, 10% bio, rextz, swirled text, 15% sulfides, stringers, loc msv, weak mag po, cp as small blebs			159	164		0.0.5	0.0.3	0.0.0					
220					164	169		0.0.5	0.0.3	0.0.0					
		sharp contact			169	174		0.0.5	0.0.3	0.0.0					
240					174	179		0.0.5	0.0.3	0.0.0					
240-251 025 244.5	rfg sch fg mg gab	119-140 fg cumm gabbro, schinels			179	184		0.0.5	0.0.3	0.0.0					
251 Footwall 250 251		55% asic plag, 30% cumm pakkes, 15% aug-hbl (1/16") clots			184	189		0.0.5	0.0.3	0.0.0					
251-270 03	sch	loc rextz w 40% schinels, 134-142 near vert fracs, 10-15% sticks			189	194		0.0.5	0.0.3	0.0.0					
260.5	qtz vein	loc 5% sulfides assoc w schinels non mag po trace			194	199		0.0.5	0.0.3	0.0.0					
270		(126-132 core loss)			199	204		0.0.5	0.0.3	0.0.0					
		140-153 rfg cumm? gabbro			204	209		0.0.5	0.0.3	0.0.0					

E-39

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Acorn S
Drill Hole EDA-39
Logged by H. M. Parker
Date 1972
Page 1 of 3

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,1,9,9	2,1,2,9	2,1,2,9	9,0	

Depth (1"=40') 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au Ag	Deposit
153-157 fg hbl gabbro, pegmatite	1,2,1,9,9	2,1,2,9										
65% plag, 20% hbl, 15% bio clots												
sulfide vns @ 156, 2% overall, strong magnetic												
157-173 msv, stringer sulfides, fg gabbro			15718	16410	6.2	1:0312	0:6310	01073			TR 0:2	
65% sulfides: m-cg po, v weak mag, cpas small blebs,			16410	17010	6.0	1:5112	0:0914	01081				
stringers in po, gar, chl incls; 35% gabbro: 70%			17010	17515	5.5	1:4212	0:4712	01117				
plag, 30% hbl, cumm?, 157-158 shear zone 60° d.p.												
173-190.5 mg pegmatite			17515	18118	6.3	0:0116	0:0016	01007				
plag, qtz, bio			18118	18710	5.2	1:7614	0:6617	01132	49161	29411		
182-186 msv sulfide osabore, 30% sulfide			18710	19710		0:0717	0:0510	01014	29112	1:1121	0:36	
overall, mod mag												
1905-197.8 fg gabbro, schinds												
65% plag (loc more anorth), 30% cumm/hbl, 5-15%												
bio, 1-2% magnetite, 20% schinds												
2% sulfides, loc blebs, strong mag po												
197.8-220 m-cg cummgabbro, peginabite												
60% gabbro: 40% ask-patch plag, 20-30% cumm,												
10% bio, 0-5% hbl-aug, loc eucritic, rextz; 40%												
ksp, plag, qtz, big musc peg, loc gneissic												
220-240 mc g gabbro (loc eucritic)												
60% plag tabular, 25% cumm patches, loc 10% bz,												
15% aug-oph, few loc pegvns, 220-224 mg												
cr po												
240-241.5 cg ksp, plag, qtz, bio peg												
241.5-244.5 schist												
bio, plag, qtz?, contorted												
1-2% dissem po, mt												
244.5-250 fmg cumm gabbro												
65% plag, 25% cumm patchy, 10% 1/8" bio clots												
cr-5% hbl												
250-251 plag, qtz peg												
251-262.5 plag, bio musc, qtz schist												
musc is pseudoxill, loc plag qtz porphroblasts, loc v fgmt												
fol to 250, avg 10-15°												

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: OME-3
Logged by: H.M. Parker
Date: 1972
Page 1 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11805	2061	2210	90	
	5		10	15 south	20 west	25	30	35

KEY

Depth (1" = 40') | % Sulfide (visual) 20 40 60 80 100

Depth	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0-6' 01	0-6 Overburden - glacial till	11805 2061									FOOT. Code 0-6 01
	AX Core Below!										
	6-10 Bio-plag-qtz and plag-bio-qtz sch-gn		8.0	2.30		0.093	0.098	0.022		1.53	
6-67' 021	Some plag porphroblasts. Probable incl in gabbro - has rextl. strungout text, some graphite										
	2% sulf non-mag po or py(?), some weak mag po										
	10-18 mg cumm gabbro med grain										
	65% plag - asic and patchy, 20-25% cumm - poik patches,										
67-70' 04	10% hbl - ophitic, Loc sl. rextz. 6" fg chill zones										
67-79' 021	top and bot - sugary tex. This is a dike into sch.										
79-81 ~~04~~ 06	1-2% sulf, a few cp-po vns and blebs, cp										
81-91 03	selvage on jt.										
	18-65 vfg and fg cumm gabbro w sch incls		2.30	3.80		0.131	0.080	0.022		1.75	
91-124' 021	65% plag, 20-25% cumm, 5-10% hbl, loc rextz sugary tex.		3.80	4.30							
	sch may be rextz to mg gab, loc graph, bio react in gab near sch		4.30	5.80		0.055	0.042	0.009		1.48	
124-127' 04	2% sulf, cp and med mag po, f+mg dissem blebs		5.80	7.30		0.101	0.046	0.011		2.04	
	38.2-42.8 gneissic plag-qtz-bio (musc) peg		7.30	8.53		0.114	0.048	0.020		1.76	
127-140' 021			8.53	9.12		0.479	0.226	0.022			
140-145 023	65-66.7 f-mg cumm gabbro										
	50% plag, 40% hbl-cumm patches, 5-10% bio fg segs, <5% hbl vfg clots										
145-158' 03	66.7-70.5 sch incl and plag-qtz-bio-(chl) peg										
	mag po inst vnlts										
	loc prehnite on frac @ 68										
158-219' 021	70.5-79 f and mg rextz cumm gabbro										
	65% white plag - asic, loc patchy, 25% cumm (loc antho), 5-10% hbl - aug-subophi-oph, loc bio segs. Mafics alt to chl-epi?, loc										
	vuggy qtz vns, broken up zones, minor sch incls										
FOOTWALL 219	65-79 1-2% sulfides.										
	79-81.5 Qtz, chl - siderite or calcite vein, possibly										
219-280 03	some plag 79.5-6" highly mag graph sch incl w po vns										
	81.5-91.2 Sch incls two types:										
	1. plag-graph-mt-po, black, 10% fg dissem + vnlts po, cp										
	2. plag-qtz-sericite peg or gn, sharp contacts between types										
	minor fg gab.										
	79-91.2 5-10% sulfides										
	91.2-116.2 f-mg cumm gabbro, loc fg										

Depth scale: 0, 6, 10, 18, 65, 79, 91.2, 116.2, 127, 132, 140, 145.9, 158, 167, 97.5, 219, 225, 280

Sch incl? | mg gab | vf, fg gab | f, f-m, mg gab, sch incl | qtz-carbon sch incls | f-m gab | f-m gab | mg gab | peg | m-c gab-ex | mg gab | mg antho gab | mg gab | sch incl | mg gab | fg gab | fg gab, sch incls | hybrid-gn | sch, loc gn | bottom

0-3

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: OME-3
Logged by: H.M. Parker
Date: 1973
Page 2 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				1,1,8,0,5	2,0,6,1	2,2,1,0	9,0	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
91.2-116.2 cont'd 65% plag-asic, 25% cumm-antho patches but not too pervasive, 5% hbl-aug-suboph, 5% bio; loc plag vns-micropeg, loc schincls w assoc mt-graph-po-cp, fg chill zones in gab near incls, gabbro is loc rextz. 1-2% sulfides assoc w mt, strong mag po	1,1,8,0,5	2,0,6,1	9,1,2	1,0,0,0		0,0,5,9	0,0,1,3	0,0,3,6		0,7,7	
			1,0,0,0	1,1,5,0		0,1,1,2	0,0,5,0	0,0,2,0		1,9,6	
			1,1,5,0	1,1,9,0		0,7,8,2	0,1,1,9	0,0,2,2			
116.2-117.5 msv sulf vns in gabbro as above less rextz, <5% hbl, 25% strong mag po, tr cp as vfg blebs in po.											
117.5-121 m c g eucritic cumm gabbro 65% plag and 30% cumm-antho (loc bz, chl, talc) intergrown patches, 5% small hbl clots; rextz; loc gneissic plag lays, graph-mt lays w po-cp dissem in both. 3% sulfides - loc po-cp blebs, shinny pn compared to po on cut surf.											
121-124.5 m g cumm gabbro 65-70% plag-asic, 25-30% cumm patches (loc chl, opx?), 10% hbl-suboph, loc oph, vfg talc (white-soft) in cumm; good ig. text., plag-bio cumm near peg at bottom.											
124.5-127 m and c g kspar-qtz-bio-(chl)-musco peg some plag? 20° upper, 30° lower contact											
127-132 m c g cumm gabbro-eucrit 50-50? 60% plag asic-patchy, 20-30% cumm alt to chl, 0-15% bz, 10% suboph aug, tr bio segs; loc rextz; loc plag-bio vns											
132-140 m g cumm gabbro, loc c g 50% plag-patchy, 30-40% patchy cumm, loc opx?, 10% hbl-aug-suboph, little patches of bio in cumm, loc cp vnlts. 134-135.5 alt zone; chl, epi, white clay (after plag)											
140-145.2 mg antho gabbro 60% plag-patches, 20% lt tan antho, loc cumm, 10% brn bio, 10% blk bio segs; loc plag, graph, mt, po schincls - po is v fg dissem and blebs. bottom 3" kspar? bio-qtz-musco peg.			1,4,0,0	1,4,3,0		0,1,7,9	0,0,9,4	0,0,6,6	9,6	3,1,2	
145.2-147.9 m g cumm gabbro 65% plag, 25-30% cumm, loc antho patchy text., 5-10% bio segs, 5% hbl clots tr po, cp fg dissem											

0-3

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: OME-3
Logged by: H.M. Parker
Date: 1973
Page 3 of 3

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				11805	2061		90	

Depth (1" = 40') | 20 40 60 80 100 % Sulfide (visual)

Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
147.9-158 plag-graph-mt-po sch incl	11805	2061	1479	1530		0.280	0.094	0.081			
loc qtz vns, bio-plag segs and peg, loc mg gab as above			1530	1584		0.165	0.107	0.014			
10% mod mag sulfide po fg dissem and blebs, minor cp.											
158-167 mg cumm gabbro											
65% plag-patch-asic tex, 25% cumm-lcbz-patches, 0-10% bio as brn segs, 0-10% avg clots.; bio repl avg where present.											
167-197.5 fg cumm gabbro			1205	1843		0.080	0.070	0.013		1.98	
65% plag, 25% cumm patchy rextz, 0-10% hbl-avg and bio clots, gen sugary tex, loc bio-plag dioritic zones, loc peg-plag, k-spar?-bio-sericite peg, loc high avgite											
167-183 5-10% sulfides											
185.6-195 loc f-mg pyx gabbro zones											
50% plag-asic-patch, 30% cumm-patch, 15-20% oph avg-hbl											
197.5-219 mixed fg cumm gabbro and gabbroic sch incls											
gabbro: 65% plag and 30% cumm (loc antho) interlocking patches 5-10% hbl-avg vfg clots, loc rextz. sch: plag-bio-hbl? gneiss-not fol, loc high plag segs. gen sharp contacts between gabbro and sch											
1% sulfides											
Bottom 2' is hybrid fol. gabbro; 60% plag, 15% cumm, 10% hbl (could be btk bio), 10% bio-brown, 5-10% pink gar loc tr vfg po. 40° dip											
Footwall											
219-225: 219-221 plag-bio gn seg											
221-225 plag-bio(chl)-musc gn, plag-qtz porphroblasts, 35° dip where present											
225-280 plag-bio-(chl-musc) gar qtz sch, fol. and cren. loc porphroblastic, avg fol 20°, loc plag bio musco peg, minor graph											
265-280 more gneissic-swirled text., some epi alt of chl near bot.											

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: OME-4
Logged by: H. M. Parker
Date: 1972
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,219.8 S	2,072.2 W	2,145	90	

Depth (1"=40')	20 % Sulfide 40 60 80 100 (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	%Cu	%Co	%Fe	% S	A U	P T GROUP	Deposit
0			5	10	15	20		25	30	35		40	45	78	80
0-16' 01 1	till	0-16 Glacial till	1,219.8	2,072.2	01	160									
-16	f-mg gab	AX core below													
16-44' 05 5	msv sulf	16-19 f-mg anthO gabbro			1,610	2310		1:585	0:686	01176					
-43.6		60-70% plag-asic, 25% antho?-brown pukky, 5% ob.o, 5%													
50	mg gab	hbl, grad contact below.													
		15-20% sulfides d.ssem blebs 1/8-1/4", a few stringers													
	mg gab locally	and msv zones, cp as small blebs w/in po, po is v. weak													
-72		mag.													
44-110' 021		19-43.6 msv sulfides			2310	2810		2:194	1:134	01091	56:91	34:36		TR	NONE
5	mg gab	95%, po is m-cg weak mag, cp as blebs and stringers			2810	3310		2:089	0:875	01161					
		core is loc ox, few plag-gar-hbl-bio gab incls, small			3310	3910		2:178	0:932	01176					
		monomineralic chl, gar incls also, sharp contact	5.5:2.6.1	2.4:2.0.6	3910	4316		2:105	0:8119	01161	56:31	34:117		TR	NONE
											2.76	2:010		0.8.8	
110-114' 022	109.6 f-m eu gab	43.6-50 mg cumm gabbro			4316	5310	6.4	0:012	0:0118						
114-121 021	fg gab	60% plag -asic repl by cumm, 25% cumm, loc bz, 15%													
121-125 022	121.5 cg euc	1/8-1/4" subophit aug clots, loc rextz													
125-131 04	125	<1% scat 1/4" po blebs - weak mag.													
	131.5	1/2" qtz vn @ 49° dip 65°, 1' fg zone at contact (lower)													
131-176 05		50-72 mg cumm gab (loc cg)			5310	6915	6.5	0:0410	0:0016						
		60% asic plag - 1/4" needles part repl by cumm, 25% cumm -			6915	7415		0:1318	0:1312	01022	3.049	0:013		0.0.3	
		poik patches, 15% aug-subophclots, 2' fg zone at bot.													
		1% sulfide - loc po blebs w vfg assoc cp, more													
		magnetic than above													
-176 177	peg														
176-185 022	f-m eu gab														
185	cg gab														
193.5															
185-214 023	mg gab	72-109.6 mg cumm gabbro			7415	7915		0:6813	0:3916	01073	1.70	9:812		TR	NONE
		65% plag-asic-patch, 25% cumm-patch, 5-10% aug-hbl-fg, fg			7915	8415		0:6510	0:3718	01073					
		ic dl, rextz to some extent, 3' fg zone at bot.			8415	9010		1:0811	0:3512	01095	23:71	14:216		TR	NONE
		15-20% sulfides - scat blebs, stringers; loc msv			9010	9510		1:3816	0:2512	01117					
214-219 04	214.1 peg	sl more mag than above; cp in veins and small blebs, and	2.5.5.729	8:6.67	9510	10116		0:9114	0:2916	01095	2761	0:914		0.3.2	
Footwall	219.2 fol. sch-gn	on jgs as smears			10116	10815	6.9	0:0919	0:2017	01014					
219-240 03	231 fol. sch				10815	11316	8.1	0:6412	0:3519	01088	1.581	8:411		TR	NONE
	240 bottom	109.6-114 f-mg exotic gabbro			11316	11916		0:3117	0:2216	01059					
		40% asic plag, partially repl, 20% cumm-patchy-bright													
		green-poss serp?, 20% obzbrn patchy, 10% aug suboph													
		10-15% sulfide, weakly mag, dissem 1/8-1/4 inst													
		sl bigger than silicate grains													
		114-121.5 fg cumm gabbro	6:6.97	4:8.592	11916	12910	9.4	0:1612	0:0510		2.74	0:214		0.1.8	
		30% plag - asic to patch, 35% cumm patch, 10% aug-oph,													
		rextz to mg loc and there more ancrth.													

0-4

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12198	20072	2145	90	

Deposit Area 5
Drill Hole OME-4
Logged by H. M. Parker
Date 1972
Page 1 of 2

Depth (1"=40')	20 % Sulfide 40 60 80 100 (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Au	Pt Group	Deposit
		114-121.5cmb some sulfides remob? Stringers in rextz zones.	12198	20072											
		121.5-125 cg eucrite 40% plag-patch-assc, 25% cumm (or serp?-v.green), 25% poik bz, brn ½" xtls, 10% aug-oph.													
		125-131.5 f-mg cumm gabbro and mg peg vns gabbro: 65% plag, 20% cumm/antho, 15% bio (bio has repl hbl-aug?, rextz tex. peg: plag-qtz-bio gar, some sch contamination 10% weak mod mag po, minor cp as small, large blebs			12910	13410		11718	02210	01132					
		131.5-176 msv-stringer sulfide zone 60% sulfides, mg po vweak-non magnetic, cp as blebs and stringers; some fg cumm gabbro/loc mg-swirled, usual plag cumm hbl type, loc plag antho bio hbl, loc dissem rounded sulfide blebs in gabbro., a few loc pegs.			13410	13910		06813	02916	01087	20:71	11:10	T.R.	N.O.N.E	
					13910	14410		06216	02319	01073					
					14410	14910		09715	08516	01095					
					14910	15410		07716	02313	01081					
					15410	15910		11718	02916	01132	35:31	20:115	T.R.	N.O.N.E	
					15910	16510	6.0	10116	03410	01110					
		176-177 Kspar?, plag?, qtz, bio, musc peg			16510	17010		16412	05110	01161					
					17010	17619	6.9	17017	06810	01147	47:31	28:414	T.R.	N.O.N.E	
		177-185 f-mg eucritic gabbro 50% plag, 35% cumm-patchy, some bz, 10-15% fg discreet aug xtls., otherwise hard to make out xtl outlines, loc rextz.	5.3:1.6 A3	1.9.982	17619	18310		01212	00516	01014	47:9	1:11	0.4.2.		
					183	194		0.							
		185-193.5 cg gabbro 60% plag, 25% cumm-poik, loc bz, 10% aug-suboph, 5% bio, loc 10%													
		193.5-214.1 mg gabbro 50-60% plag, 20-40% cumm (loc chl-brightgreen-poik), 0-10% aug-hbl, 0-15% bio, loc 10% antho, loc schlieks, sharp lower contact-bio reaction rim 1/16" 2% sulfides, weak-strong magnetic segs and vns.			19410	21110		01218	00718	01019		1:81			
					216	240									
		214.1-219.2 ksp? plag-bio gneissic peg, tr gtz? po. 217.1-218.1 peg'ized gab alt to bio, white antho, chl and v mag po.													
		219.2-231 bio plag-musco (fibrolite) sch-gn, plag-qtz porphro blastic segs, lays. 10-20° fol													
		231-240 plag-bio-musco-graph-qtz sch, loc gar 1% clr po and v minor cp, magnetic, as vns; 30-80° fol													

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole OME-7
Logged by H.M. Parker
Date 1973
Page 1 of 2

Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				12002	18995	22616	70	

Depth (1"=40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S	Deposit
0		0-15 Overburden - glacial till, ground sch and gabbro bldrs. till	12002	18995	0	190							
15		AX Core Below											
		15-51 fg cumm-antho gabbro fg gab			1910	2410		0:2,910	0:0,914	010,2,9			
		65% plag and 20% cumm/antho as patchy needles,			2410	2910		0:1,414	0:0,414	010,0,7			
		loc segs, 10% hbl clots, 5% bio segs, loc mg rextz			2910	3515		0:2,516	0:1,119	010,1,4			
		2-3% sulfides, dissem; few vns and segs.			3515	3810							
51		fg, mod mag po, cp as segs f,mg gab			3810	4410		0:5,410	0:5,315	010,3,7			
					4410	4910		0:3,814	0:1,216	010,2,9			
		51-110 f and mg cumm-antho gabbro			4910	5410		0:3,814	0:1,318	010,3,7			
		60% plag - laths to asic common and 20-30% cumm			5410	5910		0:2,017	0:1,613	010,2,2			
		in usual patchy tex, 10% hbl intergrown w cumm and clots			5910	6410		0:3,914	0:1,517	010,2,9			
		0-10% bio loc.			6410	7010		0:3,616	0:1,812	010,2,2			
110		5-10% sulfides as dissem blebs, vns, few segs. fg po except in vns where m-cg; po is weak-mod mag, cp as segs, tr/g blebs in po. f-mg gab, msv sulf, peg			7010	7610		0:5,114	1:0,313	010,6,6			
					7610	8110		0:4,815	0:2,518	010,5,9			
110-137 05	5				8110	8610		0:2,816	0:1,517	010,2,9			
					8610	9110		0:9,116	0:2,614	010,7,3	26:21	1:5:012	
137		110-137 msv sulfide and veins 35%, peg 5%, gabbro 60% gabbro: f-mg, 65% plag - asic patches, 20% cumm/antho v lt grn, 5-10% hbl clots, 5-10% bio clots - segs, sch and remnt. sulfides: weak to mod mag f-mg po; cp as segs and on fracs, esp assoc w peg			9110	9610		0:3,513	0:1,819	010,3,7			
					9610	10110		0:9,014	0:4,314	010,8,1			
					10110	10910		0:2,912	0:1,119	010,4,4			
					10910	11410		2:1,011	0:5,815	011,9,1			
137-202 023					11410	11910		1:5,214	0:7,817	011,4,7			
					11910	12410		0:7,418	2:8,918	010,9,5			
		137-202 f and mg antho-gabbro			12410	12910		0:1,110	0:1,114	010,2,2			
		60-65% plag - patchy - loc asic, 20-25% antho/loc cumm patches, 10% hbl clots, 0-10% bio, loc oxide segs - graph, bio sch incls.			12910	13410		0:9,411	0:4,519	011,0,3			
					13410	13915		0:5,316	0:2,011	010,7,3	51,3:15	0:8:11	0:5,7.
202		2% sulfides loc dissem throughout, f-mg with few segs, mod mag., loc peg w sulf vns fg gab, peg, sch incls			13915	14517		-0 -					
					14517	15010		0:1,819	0:0,811	010,2,2			
					15010	15315		-0 -					
					15315	16010		0:3,011	0:1,318	010,3,7			
202-240 05		202-240 mixed zone: 20% kspar peg, 20% bio sch incls, 60% fg cumm gabbro; gabbro: 65% plag and 20-25% cumm as patches, 5% hbl usual clots, 5-10% bio segs.			16010	16810		0:0,712	0:0,218	010,1,7		1:1:5	
					16810	18110		0:0,514	0:0,218	010,1,4		0:616	
Fault zone	240				18110	18510		0:5,010	0:3,017	010,7,3			
240-255 03		20% sulfides, very high cp, 5% of total?, mod mag fg po fol. sch			18510	18815		0:0,715	0:0,311	010,1,6		1:411	
					18815	19410		0:1,011	0:0,914	010,2,2			
	255				19410	20215		0:0,718	0:0,411	010,1,4		1:315	
255-264 024		240-255 plag-bio-qtz-pseudosilli sch hybrid sch, peg			20215	20710		0:4,311	1:9,615	010,5,9			
	264	loc serp, 45%d., loc po (1% near top) fg, dissem, mod mag. sch			20710	21213		0:2,916	3:0,214	010,4,4			
264-300' 03					21213	21519		0:0,218	0:0,215	010,1,2		0:613	
		255-264: 2' plag cumm hbl rextz hybrid gabbro, 1' peg, 6' bio-graph sch as above			21911	22511		0:3,219	0:4,815	010,3,7			
300		258-264 10% sulfides assoc w magnetit-graph., sulfides bottom			22511	23510							
					23510	23915		0:5,819	1:1,217	010,7,3			
					23915	24510		0:1,110	0:0,516	010,2,2			

0-7

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: OME-7
Logged by: H.M. Parker
Date: 1973
Page 2 of 2

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12002	1895	2266	90	

Depth (1"=40')	20 40 60 80 100 % Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
		255-264 cont'd: are weak to non-magnetic, high cp	12002	1895	258 10	264 10		0.38 16	1.63 18	01.05 9			
		segs.			264 10	280 10		0.11 10	0.08 13	01.01 6		3.5 17	
					280 10	290 10		0.04 14	0.03 11	01.00 9		3.1 17	
		264-300 plag-bio-qtz-graph sch			290 10	300 10		0.03 11	0.03 10	01.01 1		3.7 19	
		loc plag-qtz (ksp?) musco segs and pegs, marbled											
		tex 45° avg fol?											
		3-5% vtg weak mag dissem po											

CME-8

DRILL LOG

Hole No.: 8 (W-124S-1)
Location: 124 South + 20.5 West
Warren Grid

Angle: Vertical
Depth: 285 feet
Elevation: 214.9'
Logged by: D.E. Wyke

Drilling Days: Feb.27,28,March 3,4,6,8,9,10,11,14,15,16,17,20,21 year 1967;

Drill Hole Data:

'0.0' - 22.9'	Overburden: no core;
22.9' - 285.0'	AX core;
-1.0' - 26.0'	AX casing

Depth	Lithology
0.0' - 22.9'	Overburden;
22.9' - 23.6'	Caving rock or boulders; some metal;
23.6' - 24.2'	Biotitic zone;
24.2' - 25.9'	Pegmatite: quartz, biotite; 24.2' - 25.2' pyrrhotite 80%; 25.2' - 25.9' pyrrhotite 4%;
25.9' - 41.3'	Metal: massive pyrrhotite; visible copper; 40.0' - 40.4' high copper content;
41.3' - 43.0'	Pegmatite: quartz, biotite; pyrrhotite average 10%;
43.0' - 54.0'	Gabbro: fine-grained; pyrrhotite 2%;
54.0' - 101.2'	Metal: massive pyrrhotite: EXCEPT for the following intervals: 57.2' - 57.5' high copper; 63.1' - 63.8' pegmatite; pyrrhotite 20% 67.0' - 67.8' quartz; " 80% 69.4' - 70.5' quartz; " 30% 71.0' - 71.7' quartz; " 25% 79.4' - 80.0' pegmatite; " 30% 80.0' - 84.0' pegmatite; " 2%- 5% biotite dominant 81' to 84' 96.3' - 96.6' pegmatite; " 40% 100.8' - 101.2' pegmatite; no metal;
101.2' - 111.5'	Silicified basic; pyrrhotite -1%; 103.5' - 103.8' quartz-biotite pegmatite; 104.6' - 105.5' quartz-biotite pegmatite; 3 inches graphitic with 10% pyrrhotite; 106.7' - 107.0' quartz-biotite pegmatite;

Depth	Lithology
111.5' - 115.4'	Pegmatite: quartz, biotite; 113.6' - 113.9' minor pyrrhotite;
115.4' - 139.2'	Basic: silicified; some zones more biotitic; occassional 2" to 3" band pegmatite;
139.2' - 142.0'	Gabbro: more biotitic than usual; pyrrhotite disseminated to 2%;
142.0' - 178.3'	Gabbro: generally no pyrrhotite; 142.0' - 151.5' .....pyrrhotite -1% 151.5' - 154.6' more biotitic; " 1% 154.6' - 157.8' quartz-biotite-muscovite pegmatite; minor pyrrhotite at upper contact; 157.8' - 159.7' biotitic; pyrrhotite 1% 159.7' - 160.5' quartz-muscovite pegmatite; minor biotite; 160.5' - 162.2' .....pyrrhotite -1% 162.2' - 162.4' pegmatite; 162.6' - 162.7' pegmatite; 163.2' - 163.4' pegmatite; 171.0' - 176.6' pegmatite; abundant biotite below 173.0' 178.0' - 178.3' pegmatite;
178.3' - 184.7' appears to be a peg	Schist: pegmatized; very biotitic; graphite in part to 4%; 180.5' - 181.0' .....pyrrhotite 8% 181.0' - 181.6' " 3% 181.6' - 182.3' " 1% 182.3' - 184.4' " 8%
184.7' - 189.7'	Gabbro: biotitic; pyrrhotite 1%;
189.7' - 193.5'	Pegmatite: quartz, muscovite; minor biotite;
193.5' - 201.0'	Gabbro: silicified from 198' - 199';
201.0' - 202.0'	Pegmatite: quartz, biotite;
202.0' - 203.9'	Gabbro: one quarter inch band pyrrhotite at lower contact;
203.9' - 205.0'	Pegmatite: biotitic at top;
205.0' - 207.2'	Gabbro:
207.2' - 209.4'	Pegmatite: quartz, biotite; 207.5' - 207.9' gabbro;
209.4' - 213.7'	Gabbro:
213.7' - 216.5'	Pegmatite: quartz, biotite;

Depth	Lithology
216.5' - 238.9'	Gabbro: fine-grained; few pegmatite viens with biotitic borders;
238.9' - 240.0'	Pegmatite: coarse-grained;
240.0' - 248.1'	Gabbro: fine-grained; soft, talcose from 243' - 248.1';
248.1' - 251.6'	Pegmatite: quartz, biotite; 248.9' - 251.6' appears to be a pegmatized schist;
251.6' - 252.6'	Fine-grained talcose basic;
252.6' - 252.9'	Pegmatite: quartz, biotite;
252.9' - 254.0'	Fine-grained basic;
254.0' - 255.6'	Pegmatite: quartz, biotite;
255.6' - 259.3'	Fine-grained basic:
259.3' - 285.0'	Schist: quartz, biotite; foliation generally 90 degrees to core long axis; strong pegmatization; minor graphite in lower 1 foot;

***** Total Depth 285 feet *****

Assay No.	Assay Interval	Assayed For				
8-1	22.9' - 28.0'	Ni	Cu	Co		
8-2	28.0' - 33.0'	Ni	Cu	Co		
8-3	33.0' - 38.0'	Ni	Cu	Co	Fe	S
8-4	38.0' - 43.0'	Ni	Cu	Co		
8-5	43.0' - 48.0'	Ni	Cu	Co		
8-6	48.0' - 54.0'	Ni	Cu	Co		
8-7	54.0' - 59.0'	Ni	Cu	Co		
8-8	59.0' - 64.0'	Ni	Cu	Co		
8-9	64.0' - 69.0'	Ni	Cu	Co		
8-10	69.0' - 74.0'	Ni	Cu	Co		
8-11	74.0' - 80.0'	Ni	Cu	Co		
8-12	80.0' - 84.0'	Ni	Cu	Co		
8-13	84.0' - 89.0'	Ni	Cu	Co		
8-14	89.0' - 94.0'	Ni	Cu	Co		
8-15	94.0' - 101.0'	Ni	Cu	Co		

124015-2049W

Hole No. OME 8

Collar Elev. 215.3 Lat. 49,213.8 N
Ground Elev. 214.7 Dep. 50,842.5 E
Depth of Surf. 22.9'

Down Hole		Assays		
from	to	Ni	Cu	Co
0	22.9	-	-	-
22.9	28.0	1.731	0.504	0.161
28.0	33.0	2.365	0.768	0.242
33.0	38.0	2.349	0.787	0.198
38.0	43.0	1.699	1.371	0.176
43.0	48.0	0.105	0.075	0.022
48.0	54.0	0.057	0.018	0.014
54.0	59.0	2.113	2.159	0.198
59.0	64.0	2.259	1.143	0.191
64.0	69.0	2.007	0.812	0.220
69.0	74.0	1.495	1.117	0.227
74.0	80.0	2.178	0.686	0.220
80.0	84.0	0.260	0.239	0.037
84.0	89.0	2.328	1.371	0.191
89.0	94.0	2.243	1.168	0.183
94.0	101.0	2.137	0.965	0.198
101.0	285.0	NA	NA	NA