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 alt gab, peg 147										
		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.										

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

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

Depth	Description	Drill Hole No.	From	To	Ore Type	%Ni	%Cu	%Co	%Fe	%S
300										
00-320	025 fg cumm gab; carb alt	1,1,8,0,8	1,5,0,10	1,6,0,10		0:0,1,12	0:0,1,10	01:0,0,8	1	1:3,19
	#147-169 contd: 65% plag-pakky, 20% cumm patches, also antho, 15% bio segs, 2-3% hbl vfg clots (some cuttlbc		1,6,0,10	1,7,0,10		0:1,018	0:0,5,17	01:0,1,3	1	0:9,14
	ilm), loc carb vnlts, 1/4" plag segs, loc schlinds w									
	carb alt									
	sulfides as below, gen rex/z tex									
329										
329-339	330 04 cg peg 339									
	1% sulfides, strong mag									
	(153.5-155.0, 158.5-159 coreloss)									
339-353	02 mg mafic cumm gab 353									
	164-236 fg gabbro, schlinds		1,7,0,10	1,8,0,10		0:0,4,5	0:0,3,14	01:0,1,1	1	1:1,11
	60-65% plag asic, 20% cumm/antho wedge-patches,		1,8,0,10	1,9,2,10		0:1,319	0:0,9,14	01:0,1,8	1	1:8,12
353-368	06 mg pyrox? 368		1,9,2,10	2,1,1,17		0:0,5,11	0:0,3,17	01:0,1,1	1	1:1,10
	are highly digested, stringy w sulfide-oxide segs,		2,1,1,17	2,1,3,11		2:1,2,11	0:5,7,13	01:1,9,1	5,3:61	3,2:86
368-381	021 mg mafic gab									
	fwt thin vns esp at bottom. incls have 15% bio, loc									
381										
381-386	04 peg 386									
	qtz vns and blebs, 194'-6" alt zone-chl-epi, white clay									
391										
	210-214.5 qtz, plag, bio, musc, peg, loc mg gab									
386-406	021 f-mg gab; f-g cumm gab 406									
	zones similar to 147-169									
	Broken Zones: 189, 207, 223									
	212-213 95% (msv sulfide), mod mag, cpas blebs,									
406-424	024 schlinds, diorite hybrid 424									
	vnlts, segs, mg po, rest of intv 1% sulfide, strong									
	mag.									
424-447	021 carb alt. mg cumm gab 447									
	236-238 fmg peridotite-pyroxenite									
	90% cumm, hbl alt to talc, 10% bio-brown									
Too hard										
447-462	03 Pd. 462									
	238-241 mg cumm gabbro									
	60% plag irreg patches, 30% cumm patches, 10% f hbl									
	clots, tr bio, 0.8' qtz vn at bottom, cp blebs									
	241-249 mg peridotite-pyroxenite		2,4,1,12	2,4,4,10		0:4,7,5	0:3,0,12	01:0,4,4	1	
	50% cumm, 20% hbl intergrowths in cumm and patches,		2,4,4,10	2,5,2,10		0:1,514	0:0,8,11	01:0,2,2	1	
	loc talcose		2,5,2,10	2,6,7,10		0:0,8,17	0:0,5,11	01:0,1,5	1:1,12	
	5% sulfides (loc 30%) scattered dissem blebs, fmg		2,6,7,10	2,7,6,10		0:0,5,8	0:0,2,19	01:0,1,2	0:6,15	
	mod mag po, cp in po blebs		2,7,6,10	2,7,8,10		0:0,9,8	0:0,3,18	01:0,1,6	1:3,10	
	249-300 mg cumm gabbro									
	60% plag-irreg asic patches, 10% hbl clots, 25% cumm									
	patches, 5% bio, loc plag, amph segs in rex/z, 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		3,2,0,10	3,2,5,10		0:2,6,14	0:1,7,10	01:0,5,9	1	
	60% plag asic, 30% cumm patches, 10% bio hbl sub-oph clots		3,2,5,10	3,3,0,12		0:7,319	0:1,017	01:0,7,3	1	
	tr, bio, ilm-mt, broken zones: 311-318, 321-324, here plag → white clay, cumm hbl, loc carb-talc									
	local sulfides, blebs in rex/z zones, loc f dissem, vns,									
	strong mag po; 320-326 10%									
	(311-314, 316.8-318.4 loss)									

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				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												

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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
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	1,1,8,0,8	1,7,6,1								
447-462 schist plag bio musc qtz; plag, qtz porphyroblasts, loc graph, 0-10° crenulation fol										