E-34

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Areas
Drill Hole: EDA-34
Logged by: H.M. Parker
Date: 1973
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12004	17998	2335	90	

Depth (1" = 40')	% Sulfide (visual)	Description	Drill Hole No.		From	To	Ore Type	% Ni	% Cu	% Co	% Fe	% S	Deposit
0		0-19.6 overburden - glacial till	12004	17998									
0-20	01 till												
19.6		19.6-51 m, m-cg cumm gabbro			19.6	25.0		0.146	0.081				
20-51	021 m,m-cg cumm gab	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 peg w chl											
51		19.6-24 3% sulfide blebs, fg po assoc w oxide segs, vfg cpo blebs, qtz blebs here also											
51-68	021 f,mg cumm gab												
68		51-68 f,mg cumm gabbro			62.0	74.0		0.049	0.050				
68-81	021 mcg mafic cumm gab	50-60% plag laths, 30% cumm patches inst, 10-15% bio segs, 5% hbl v tiny clots, 10% pegs rare dissem sulfides											
81	msv sulf, mcg cumm gab, peg												
31-135	05	68-81 mafic mcg cumm gabbro 30% plag, 50-60% cumm, 10% ang hbl, < 5% bio, plag-cumm segs, loc pd: talc-chl-hbl w some cumm 1-2% sulfide blobs - mod magnetic			74.0	85.0		0.065	0.050				
135		81-135 msv sulfides m-cg cumm gabbro, pegmatite 50% msv sulfides: some blobs, 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, bio chl, musco; loc schists			85.0	90.0		0.248	0.189	0.037			
					90.0	95.0		0.869	0.4218	0.110			
					95.0	100.0		1.682	0.5411	0.183			
					100.0	105.0		1.056	0.2813	0.191			
35-182	06 pd				105.0	110.0		0.748	0.138	0.103			
					110.0	115.0		2.113	0.6913	0.191	5.561	3.213	
135		135-181.5 peridotite talc chl, hbl type; loc m-cg cumm chl gabbro: 50% plag 50% cumm, 5% hbl, 5-10% sulfides, loc msv vns near top, wank-mod mag fg po, cp as tiny blobs, segs, few veins			115.0	120.0		1.276	0.5418	0.161			
					120.0	125.0		1.211	0.3512	0.147			
182-188	021 mcg gab, diorite				125.0	130.0		1.318	0.1613	0.125			
188					130.0	135.0		2.015	0.3416	0.191			
188-203	07				135.0	140.0		1.612	0.2710	0.125	5.010	1.314	0.38
203	pd, peg, sx schists				140.0	145.0		0.518	0.466	0.044			
203-218	025	181.5-218 fg diorite, schists, peg, m-cg gabbro, pd diorite: 65% plag, 20% hbl, 15% bio, 2-3% gar - mixed w schists, peg; gabbro: 60% plag laths, 5% hbl - fg clots 30% cumm inst patches, 5% bio segs; talc chl pd zones near base 3% scattered dissem sulfide blebs, mod mag			145.0	150.0		0.817	0.210	0.14			
218	msv sulf				150.0	155.0		0.244	0.318	0.14			
218-227	05				155.0	160.0		0.309	0.216	0.14			
227					160.0	170.0		0.240	0.010	0.14			
227-240	021 mg cumm gab				170.0	180.0		0.612	0.044	0.14			
240					180.0	190.0		0.410	0.215	0.07			
					190.0	195.0		0.417	0.201	0.37			
240-261	025 m-cg cumm gab, peg				195.0	205.0		0.209	0.050	0.14			
261		218-227 msv sulfide 90%: f-mg po, mod mag, plag, chl inclds			205.0	215.0		0.191	0.037	0.14			
					215.0	220.0		0.616	0.207	0.51			
		227-240 mg cumm gabbro 65% plag and 25-30% cumm patchy rest, 5% bio segs, 2% oxides clots, tr hbl.			220.0	225.0		1.313	0.497	0.03			
					225.0	230.0		0.417	0.313	0.51			
					230.0	240.0		0.094	0.081	0.07			

cont.

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DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-34
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Date: 1973
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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										

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Deposit Area 5
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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)											