(24)

E-12

KNOX MINING CORP.

DRILL HOLE LOG

Deposit: Area 5
Drill Hole: EDA-12
Logged by: JM Parker
Date: 1972
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Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				1,2,2,0,4	1,9,7,4	2,1,7,8	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	Au	Ag	Deposit
0–18	0–18 overburden - glacial till	1,2,2,0,4	1,9,7,4											
18	till / gabbro													
	Ax Core Below													
	msv sulf			0	2.3		0	0	0	0	0			
18–22	18-19 f-mg cumm gabbro			1.8	10	2.3	10	1:5	1:2	1:6	4:4	0:1	4.7	TR 0.2
	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.													
22–28														
72–78	19-42 f-mg msv sulfides			2.3	10	2.8	10		2:0.9	17	0:7.3	14	0:1.6.9	
	95%+, weak-mod magnetic (variable) po, cpas blebs mostly, some stringers, few 1" gab inds as above.			2.8	10	3.3	10		2:1.8	16	0:6.5	18	0:1.7.6	5.6:8 3.5:4
78–97	(36-41 core loss, ground up)			3.3	10	3.6	10	3.0	2:0.3	12	0:7.0	18	0:1.6.9	
				3.6	1	4.1	1	5	1:7.6	1	1:0.1	12	0:1.5.1	
97–149	42-72.5 fg gabbro, loc mg			4.1	10	4.7	10	6.0	1:4.8	17	1:3.1	16	0:1.3.2	
	65-70% plag, 15-25% cumm ± antho, 5-10% aug-hbl			4.7	10	5.4	10	7.0	0:4.3	19	0:7.0	18	0:1.0.5.9	
	<5% bio, few plag segs			5.4	10	5.9	10		2:0.5	16	0:6.8	13	0:1.6.9	
	30% msv and stringer sulfide, vweak mag (mostly) po, cp as blebs and large segs or stringers, loc dissem sulf, rounded blebs @ 62, 70.5, have more mafic rx, swirled tex, few fg inds 48.2, 53			5.9	10	6.3	10	4.0	1:5.2	10	0:5.8	12	0:1.2.5	
				6.3	10	6.7	10	4.0	1:3.1	17	0:2.0	12	0:1.1.0	4.9:10 1.5:8 0:8.5 0:1.4
				6.7	10	7.4	10		0:4.5	11	0:3.2	19	0:1.0.5.1	
149	swirls 149													
	contacts 153 155 / fg gab / peg													
	164 cg cumm gab													
149–201	175 f-mg cummgab													
	184 f-mg cummgab													
	191 m-cg cummgab													
201	201.5 fg cumm gab													
201–224	fg cumm gab, sch-gn hybridsx													
224	Footwall 224													
224–240	gn, peg													
	240 fol sch													
240–278	256 sch													
278	277 wgabb bottom													
	72-78 f-mg peg pegmatite			7.4	10	8.4	10		0:0.6	15	0:1.5	17		
	plag, qtz, bio, msv w gabbro inds													
	65% plag, 20% cumm, 15% bio rextz, 3% po, cp vnlts													
	po > cp 2:1, po is mod mag.													
	78-97 f-mg (variable) cumm gabbro			8.4	10	9.0	10		0:0.3	16	0:0.5	16		
	60-65% plag, 15-20% cumm, 15-20% bio patchy tex,			9.0	10	9.7	10		0:0.2	18	0:0.3	17	3.0:10	0:1.4 0:1.5
	loc rextz, loc antho, loc no bio (70% plag, 30% cumm), peg as above													
	2% sulfide, strong mag cp-po vnlts assoc w peg													
	97-149 f-mg gabbro, peg (as above)			9.7	10	10.2	10		1:5.2	14	0:4.5	15	0:1.3.2	
	gabbro loc v mafic as 119.5 80% cumm 20% hbl? (greenish)			10.2	10	10.7	10		0:6.7	14	0:6.0	17	0:1.0.5.1	
	loc sch inds, 137-149 80% cumm, 10-15% plag, 5% hbl (cummall to chl)			10.7	10	11.4	10	7	1:2.4	13	0:1.7	17	0:1.0.3	1.7:10 1:1.6 0:3.9 0:1.0
				11.4	10	12.0	10	6	0:0.2	18	0:0.4	14		
	35% sulfides to 113, 10% below! Stringers, msv, dissem, po slight-mod mag (mod in peg zones), cp as vnlts and blebs			12.0	10	12.6	10	6	0:5.3	16	0:1.0	11	0:1.0.5.9	
				12.6	10	13.1	10		0:4.2	12	0:7.5	16	0:1.0.5.9	
				13.1	10	14.1	10		0:3.1	17	0:1.0	10		
	149-153 fg cumm gabbro			14.1	10	15.1	10		0:2.1	11	0:0.6	19		
	60% plag, 25% cumm loc antho, 10% bio, 5% hbl vf needles, swirled 70-80°, chill zone?, loc graph sch inds, loc tr vfg dissem po													

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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	Au Ag	Deposit
153-155 plag-qtz-bio-musc pegmatite	12204	1974										
loc chl-bio-plag-sch, KSp ? in peg?, 45° sharp lower												
contact below, 60° shear contact above												
155-164 cg cumm gabbro												
20% cumm, 10% aug, 60% plag, 5-10% bio, rextz somewhat												
loc lr serp after oli?												
164-175 f-mg cumm gabbro												
60% asic plag and 20% cumm patches, 10% aug clots,												
10% bio (surrounding aug, less toward bot), rextx tex												
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 tex												
lr sulf blebs												
194-201.5 fg cumm gabbro												
60% plag - asic, 25-30% cumm, 10% aug-hbl, (loc rextz to												
f-mg, and there has 10% bio, lr po, cp)												
201.5-224 f grcumm gabbro, sch-gneiss												
60% gabbro: as above, loc rextz 207-212 dioritic												
plag-hbl-bio, 40% sch-gneiss												
204 4" msv sulfvn, weak mugpo, cp stringers												
2% sulfides overall												
			151	224		0	0	0	0	0		
224-240 gneiss and pegmatite			224 10	229 17		0.03 16	0.03 10	010 0 8		0.51 1		
gneiss: plag, bio, musc, loc gar, plag porphroblasts, head-			229 17	235 10		0.43 11	0.91 11	010 4 4		1	T.R.N.I.L.	
cheese tex peg: ksp, plag qtz, bio, musc, cuts sulfides in			235 10	238 15		0.16 12	0.31 19	010 2 7		3.51 4		
gn and fg gabbro as above			238.5	238		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												
subbreintrus that has reacted, 249-256 contorted, loc plag-qtz												
porph segs.												
256-277 schist												