5-76

KNOX MINING CORP.

DRILL HOLE LOG

Deposit Area 5
Drill Hole 5-76
Logged by H.M. Parker
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') | 20 40 60 80 100 % Sulfide (visual) | Description | Drill Hole No. | From | To | Ore Type | % Ni | % Cu | % Co | % Fe | % S | Deposit

0-104 01

0-104 overburden - glacial till

AK Core Below

104-107 f mg cumm gabbro, schist incls
50% gabbro: 65% plag asic-patches, and 25% cumm patches
10-15% hbl fg clots, 5% bio small segs; schist is plag,
bio (chl), gar, gtz, graph w dissem py? loc pegmatitic
porphroblasts of plag and gtz

107-111.8 f mg cumm gabbro
65% plag and 20% cumm as interlocking asic patches, 10-15%
hbl and 5% bio as subophclots, loc gtz blebs

104-112 021

111.8-173 f, f-mg cumm gabbro, pegmatite, sch incls
80% gabbro
60% plag patches-asic, 25-30% cumm patches incl. plag,
10% aug-hbl vfg clots (repl by cumm to some extent)
0-10% bio; 10% peg: plag, gtz, chl (musc); and 10%
sch incls as above; gabbro has loc sugary text. - chill
zone?

112-200 025

173-200 pegmatite, gabbro and sch incls
50% peg, m-cg, plag, gtz, bio, chl, musc, 30% gabbro
incls, fmg, 60% brn bio and 30% plag as asic,
10% blk bio patches; 20% sch incls, plag, bio, graph,
loc chl, gar w patchy text, irregular upper contact,
15° lower contact; chl segs in peg, mod mag mtl/lm?
1% sulfides, strong mag, loc po (cp) vnlts in sch and
peg

200-281 021

200-216 f g cumm gabbro
Similar to above; 65% plag asic-patches, 25% cumm
patches, 10% hbl fg clots (was sub oph and repl?)
loc up to 40% bio, 60% cumm, 10% mag sch incls as above
loc 2" peg vns
1% sulfide blebs, vnlts, cp-po

216-224 mg cumm gabbro (some fg as above)
60% plag asic/patches(?), 25% cumm patches(?), 10-15% hbl
oph clots 1/8", <5% bio, good igneous tex

224-236 f mg cumm gabbro
60% plag asic, 25-30% cumm patches - loc rexte to chl, 10% hbl
sub ophclots, segs; more rexte tex than above; 5-10% sch incls

281-304 023

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

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												
301-315 023	cg cumm gab, eucrite	1,2,2,0,5	1,4,0,3									
315												
315-374 021	fg cumm gab											
	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 subophitols, 5% bio											
	sometimes in cumm, loc peg, schists, loc rextz											
	gab (bio, cumm, plag) toward bottom 246-253, have											
	bio repl cumm, hbl											
	schists have mt, po, tourmaline											
	253-272.5 fmg cumm? gabbro, schistinls			2,5,8,1,0	2,7,0,1,0		0:0,2,1,4	0:0,2,1,5	0:0,1,2		1:9,1,6	
	85% gabbro; 50-60% plag, and 20-30% pale grn cumm			2,7,0,1,0	2,8,0,1,5		0:0,2,1,4	0:0,1,1,8	0:0,1,1		1:3,1,9	
374												
374-408 022	mcg eucritic gab											
	as patches, 10% fg hbl clots, 10% bio segs, 15%											
	mt, graph schists as above											
	2-3% sulfides (assoc w schists)											
407.5												
408-430 021	m-cg cumm gab											
	272.5-281 mg cumm gabbro (loc cg)											
	60% plag patches, 15-20% cumm patches, 10% hbl repl											
	partially by bio, 0-10% bio intergrown w cumm, strong											
	mag											
430												
430-445 05	gn inch msv sulf											
431												
Footwall 444.6												
445-455 03 fol 449 455	hybrid gn sch											
	281-301 mg antho gabbro			2,8,0,1,5	2,8,5,1,5		0:0,9	0:1,0				
	65% plag asic-patches, 20% antho patches, 10% hbl											
	subophitols, 5% bio segs, graph mt schists, 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 laths, 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 subophitic-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 px, 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 1/8" ophitic, 10% hbl aug subophitic < 1/16", loc rextz, bz											
	alt to cumm [illegible]											
	bottom											

vn with qtz, calcite vn

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				12205	1403	2423	90	

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		374-407.5 cont'd: 2% sulfides - scattered blebs, strong mag cp as blebs in po	12205	1403									
		407.5-430 m-cg cumm gabbro similar to above but bz alt to cumm: 60% plag asic-patches, 30% cumm patches → chl, 10% hbl-(aug loc) sub-oph,											
		430-431 gneiss incls plag, bio, qtz, round porphroblasts of plag, equigranular tex											
		431-444.6 msv sulfides 85%: mg po, minor cp blebs, segs, top and bottom strongly mag middle weak - non mag; minor plag, qtz, bio peg incls, gneiss as above (incls), also bio cumm incls (pegmatized gabbro?), mg monomineralic qtz, gar, chl incls			431.0	436.0		1.99	0.28	0.18			
					436.0	445.0		1.56	0.46	0.14			
		444.6-449 Hybrid Zone gneiss as above and plag, bio, gar, qtz? fg diorite-swirled - could also be called a gneiss											
		449-455 schist plag bio musc chl graph; plag qtz porphro segs 45-60° dip - crenulation fol.											