5-81

KNOX MINING CORP.

DRILL HOLE LOG

Deposit	Town	Co.	Lease No.	Hole No = Coordinate		Collar Elev.	Angle	Azimuth
				12564	1306	2495	90	
	5		10	15	20	25	30	35

Deposit Area 5
Drill Hole 5-81
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		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 vngs w py (marcasite?) fillings - secondary?											
marcasite, py vngs 278													
281.5	fg cumm gab												
	fmg cumm gab												
300		278-281.5 fg cumm gabbro											

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Deposit: Area 5
Drill Hole: 5-81
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Deposit	Town	Co.	Lease No.	Hole No=Coordinate		Collar Elev.	Angle	Azimuth
				1,2,5,6,4	1,3,0,6	2,4,9,5	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	Deposit
300-314 O25 brecciated	300	fg gabbro ▽ ▲ peg ▲											
marcasite alt	312	278-281.5 cont'd: 65% plag, asic-stubby, 20% cumm, 15% ang, tr po blebs	1,2,5,6,4	1,3,0,6									
314 — O24	314												
314-330 Footwall contorted		hybrid diorite											
	320	281.5-300 fmg cummgabbro											
		variable composition and text (varying amounts of rex/z)											
	337	peg, gn											
		in general: 60% plag, 25% cumm, 15% bt/-avg, tr-											
330-356 O9 vert fol.	345	gn											
	349	3% bio; loc more mafic, loc schists, plag(sericite),											
	350	peg, amphib											
		decuss. gn											
	356	bio(chl), qtz, rutile? (prob. Tourm?); loc peg											
		bottom											
		300-312 fg gabbro breccia zone, pegmatite			3,9,6	10 3,1,2	10	0.0,0	15 0.0,3	1 0.0,0	5		
		50% gabbro alt to wh clay, chl, epi; mixed w peg; 50% fells-			3,1,2	10 3,1,5	10	1.2,8	1 0.7,3	1 0.1,1			
		pars alt lt yellow; bio alt to chl.			3,1,5	10 3,2,3	10	0.2,6	1 0.3,1	1 0.0,2			
					3,2,3	6 3,3,3	10	0.0,9	1 0.1,0	1 0.0,0	7		
		312-314 msv and stringer sulfides in peg-gneiss											
		peg-gneiss: plag?, qtz, gar; plag is alt grn-montmor-											
		illonite?											
		Stronglymag 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% hl											
		350-356 plag, bio, qtz decussate gneiss											