5-73

# KNOX MINING CORP.

## DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-73
Logged by: H.M. Parker
Date: 1972
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| Deposit | Town | Co. | Lease No. | Hole No=Coordinate | | Collar Elev. | Angle | Azimuth |
|---|---|---|---|---|---|---|---|---|
| | | | | 1221 0 | 1506 | 2394 | 90 | |

| Depth (1"=40') | % Sulfide (visual) | Description | Drill Hole No. | | From | To | Ore Type | % Ni | % Cu | % Co | % Fe | % S | Au | Deposit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | 0-112. overburden - glacial till | 1221 0 | 1506 | | | | | | | | | | |
| | | Ax Core Below | | | | | | | | | | | | |
| | | 112-176 f g cumm gabbro, schist incls | | | | | | | | | | | | |
| 112-176 | 01 | 65% plag repl basic, 15% cumm patchy, 15% hbl sl. patchy 5% | | | | | | | | | | | | |
| | | bio seys, 112-175.5 fmg, rest of intv shows sugary text | | | | | | | | | | | | |
| | | except where rex'ed, loc anthophyllite cumm; e g plag qtz | | | | | | | | | | | | |
| | | bio (chl), loc musc pegs throughout. 15% (?) plag, bio (chl) | | | | | | | | | | | | |
| | | musc), qtz gar sch incls some well assimilated. 151-159 | | | | | | | | | | | | |
| | | altered zone wh clay, epi, (chl?) 156-157 calcite | | | | | | | | | | | | |
| | | 1% strong mag sulfides, scat blebs esp @ 140 | | | | | | | | | | | | |
| | | 176-179.5 msv sulfides, f-mg gabbro, schincls, peg | | | 1.7.6 10 | 1.8.1 10 | | 1:2.8 1 | 0:5.6 1 | 01.1.6 | | | | |
| | | 60% sulfides as below, 20% f-mg gabbro rex'd | | | | | | | | | | | | |
| | | 80% cumm, 20% plag basic), up to 40% gar in sch | | | | | | | | | | | | |
| | | incls, gabbro is loc bio rich (near peg) | | | | | | | | | | | | |
| 112 | | | | | | | | | | | | | | |
| | fg cumm gab, sch incls | 179.5-239 msv sulfides | | | 1.8.1 10 | 1.8.6 10 | | 1:9.2 1 | 1:0.1 1 | 01.1.8 | 5.5:8 1 | 3.3:11 3 | 0.1 See Note page 3 | |
| | | 95% mg, loc fg strong mag po, loc weak mag, some | | | 1.8.6 10 | 1.9.1 10 | | 1:9.6 1 | 0:9.4 1 | 01.1.7 | | | | |
| | | mt in fg zones?, cpo small blebs, few vnlts, common | | | 1.9.1 10 | 1.9.6 10 | | 2:0.5 1 | 1:0.2 1 | 01.1.8 | | | | |
| 12-176 | 025 | dendritic chl incls, gar | | | 1.9.6 10 | 2.0.1 10 | | 1:9.2 1 | 0:8.9 1 | 01.1.7 | | | | |
| | | | | | 2.0.1 10 | 2.0.6 10 | | 1:9.5 1 | 1:0.2 1 | 01.1.7 | | | | |
| | clay, carb, epi alt | 239-273.8 cg pegmatite | | | 2.0.6 10 | 2.1.1 10 | | 1:9.3 1 | 0:8.8 1 | 01.1.6 | | | | |
| | | ksp (perthitic), plag qtz, bio, minor musc; occasional | | | 2.1.1 10 | 2.1.6 10 | | 1:7.8 1 | 0:7.7 1 | 01.1.6 | | | | |
| | | chl? sutures along cracks (could be bio); from 266 | | | 2.1.6 10 | 2.2.1 10 | | 1:7.7 1 | 1:1.2 1 | 01.1.7 | | | | |
| 176 | | on have rex'd gab incls! 60% plag as patches; 15% | | | 2.2.1 10 | 2.2.6 10 | | 1:9.8 1 | 0:8.7 1 | 01.2.0 | 5.7:1 1 | 36:8 1 | ← LAKEVIEW FE, S | |
| 179.5 | msv sulf, gab | cumm patches, 10% hbl (repl by bio), 15% bio seys | | | 2.2.6 10 | 2.3.1 10 | | 1:8.0 1 | 0:8.5 1 | 01.1.6 | | | | |
| | | 30% sulfides, scattered vns w gar, chl assoc. | 1.1.7.8.6 | 5.7.3.3 | 2.3.1 10 | 2.3.9 10 | 2.0 | 2:0.2 1 | 0:9.6 1 | 01.1.7 | 5.7:4 1 | 3.4:11 3 | See Note, page 3. | |
| | msv sulf | msv zones 241.5-242.5, 256-262, mod mag | | | 2.3.9 10 | 2.4.4 10 | | 0:6.1 1 | 0:2.2 1 | 01.0.5 | 6.3 10 | 1:8 1 7 | 0:9.1 | |
| | | horiz upper contact, 10° lower contact to intv | | | 2.4.4 10 | 2.5.6 10 | | 0:0.4 1 | 0:0.4 1 | 01.0.0.3 | | | | |
| 176-239 | 05 | | | | 2.5.6 10 | 2.6.2 15 | 6.5 | 1:8.7 1 | 0:7.6 1 | 01.1.8 | | | | |
| | | 273.8-330 fg cumm gabbro, pegmatite | | | 2.6.2 15 | 2.7.5 10 | 2.5 | 0:1.0 1 | 0:0.8 1 | 01.0.0.5 | | | | |
| | | 50% plag and 30-40% cumm basic - patchy, 10% hbl inst (30% gabbro) | | | 2.7.5 10 | 2.8.5 10 | | 0:5.1 1 | 0:3.2 1 | 01.0.4 | 9.1 1 | 0:2.9 1 | 0:1.6 | |
| | | clots, 0-10% bio seys; loc rex'd, have incr in | | | 2.8.5 10 | 2.9.8 10 | | 0:1.1 1 | 0:0.7 1 | 1 | | | | |
| | | bio; 20% plag ksp?, qtz, bio (chl), musc peg, | | | 2.9.8 10 | 3.0.3 10 | | 0:4.6 1 | 0:3.7 1 | 01.0.4 | | | | |
| horiz contact 239 | | loc sch incls | | | 3.0.3 10 | 3.0.8 10 | | 0:1.9 1 | 0:1.5 1 | 1 | | | | |
| | | 5% sulfide vnlts, blebs esp in upper 20', strong | | | 3.0.8 10 | 3.2.3 10 | | 0:0.1 1 | 0:0.3 1 | 01.0.0.3 | | | | |
| | peg | mag gen'l fg po, cp blebs and stringers | 1.4.3.7.95 | 7.1.6.3 | 3.2.3 10 | 3.3.0 10 | | 0:0.5 1 | 0:0.6 1 | 01.0.0.6 | 1.5.4 1 | 0:9.3 | 0:4.6 | |
| 239-274 | 04 | | | | 3.3.0 10 | 3.3.5 10 | | 2:1.1 1 | 0:3.2 1 | 01.1.9 | | | | |
| | | 330-351 msv sulfides | | | 3.3.5 10 | 3.4.0 10 | | 2:0.7 1 | 0:3.0 1 | 01.1.7 | 2.1 10 | 1:8 1 0 | 0:3.7 | |
| | | 90% f m g weak mag - nonmag po, v little cp - occurs | | | 3.4.0 10 | 3.4.5 10 | | 1:8.9 1 | 0:3.6 1 | 01.1.6 | | | | |
| 273.8 contact | | blebs, chl, plag, qtz gar incls, loc graph sch incls | 1.8.1.5.2.5 | 7.9.4.1 | 3.4.5 10 | 3.5.1 10 | 6.0 | 1:2.3 1 | 0:4.8 1 | 01.1.5 | 1.7.5 1 | 1:0.4 | 0:4.5 | |
| | | | | | 3.5.1 10 | 3.5.7 15 | 6.5 | 0:0.3 1 | 0:0.6 1 | 01.0.0.3 | | | | |
| | | 351-404 mg cumm (with patches) gabbro | | | 3.5.7 15 | 3.6.0 15 | 3.0 | 1:6.0 1 | 3:4.6 1 | 01.1.9 | | | | |
| ↓ Cont. | | 65% plag patches of basic xlls, 25% cumm (in patches), loc | | | 3.6.0 15 | 3.7.0 10 | | 0:0.5 1 | 0:1.0 1 | 1 | | | | |

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## DRILL HOLE LOG

| Deposit | Town | Co. | Lease No. | Hole No=Coordinate | | Collar Elev. | Angle | Azimuth |
|---|---|---|---|---|---|---|---|---|
| | | | | 12210 | 1506 | 2394 | 90 | |

Deposit Area 5
Drill Hole 5-73
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 273.8 | | 351 - 404 cont'd: chl, 10% hbl small clots; upper 2' | 12210 | 1506 | 370 | 385 | | 0.094 | 0.075 | 0.015 | | 1.52 | |
| | | mg rextz, loc rextz below, w plag bio graph qtz | | | 385 | 400 | | 0.068 | 0.111 | 0.012 | | 1.22 | |
| 274-330 025 | | sch incls also, loc peg as above, loc (363, 387.5) core | | | 400 | 415 | | 0.064 | 0.107 | 0.013 | | 1.12 | |
| | | has brn cast - vfg bio on plag?, antho? | | | | | | | | | | | |
| | | 2% sulfides for intv (357.5-360 mg msv sulf | | | | | | | | | | | |
| | | mod-strong mag, cp as seg at 357.5 and tiny blebs | | | | | | | | | | | |
| | | also loc po rns, cp blebs,) rest of intv vns, blebs assoc | | | | | | | | | | | |
| | | w sch incls | | | | | | | | | | | |
| 330 | | | | | | | | | | | | | |
| 330-351 05 | msv sulf | 404-417 mg antho gabbro | | | 415 | 425 | | 0.095 | 0.118 | 0.017 | | 1.57 | |
| | | 50% wh - colorless plag and qtz?, 30% antho, 10% hbl- | | | | | | | | | | | |
| 351 | | sub oph, 10% bio assoc w hbl, loc strung out sch incls | | | | | | | | | | | |
| | mg cumm/ antho gab | 1% strong mag sulfides, vn of po, cp at lower contact | | | | | | | | | | | |
| 351-417 023 | | 417-425.8 fg cumm gabbro | | | | | | | | | | | |
| | | 60% plag and 25% cumm as patches, 10% hbl sub oph, | | | | | | | | | | | |
| | | 5% bio, loc rextz; loc highly digested sch incls | | | | | | | | | | | |
| | | 2% sulfide blebs, strong mag | | | | | | | | | | | |
| 404 | mg antho gab | 425.8-430 pegmatite | | | | | | | | | | | |
| 417 — 417 | fg cumm gab | plag, qtz, bio, musc, ksp?, upper and lower contacts | | | | | | | | | | | |
| contacts 425.8 | peg | 60° | | | | | | | | | | | |
| 430 | | | | | | | | | | | | | |
| 417-453 025 | fg cumm gab sulf vns | 430-452.5 fg cumm gabbro, sulfide vns | | | 430 | 435 | | 0.18 | 0.08 | 0.02 | | | |
| | | 65-70% plag, and 15% cumm as patches, 10% hbl sub oph, | | | 435 | 440 | | 1.93 | 0.53 | 0.22 | | | |
| | | 5-10% bio segs, some vfg; gabbro, s loc rextz mg, loc plag | | | 440 | 448 | | 0.50 | 0.17 | 0.04 | | | |
| 453 ~~425~~ Footwall 452.5 | | bio sch incls esp in peg areas, - which occurs as loc vns | | | 448 | 453 | | 1.73 | 0.34 | 0.16 | | | |
| 456 | mg hyb sch | plag qtz bio musc, the pegs could be porphroblasts orig? | | | | | | | | | | | |
| 453-469 024 | fmg hybrid sch | where rextz mafics are intergrown | | | | | | | | | | | |
| 468.5 | | 45% sulfides, 1-4' layers (largest 435-439), gen | | | | | | | | | | | |
| 469-482 03 | sch | weak mag toward top and strong mag toward bot | | | | | | | | | | | |
| 482 | bottom | | | | | | | | | | | | |
| | | 452.5-456 mg hybrid schist, | | | | | | | | | | | |
| | | pegmatitic porphroblastic segs; 60% plag patchy-asx, 30% | | | | | | | | | | | |
| | | cumm (might be shiny grn hbl), 20% bio | | | | | | | | | | | |
| | | loc sulfide vns, mag po, cp | | | | | | | | | | | |
| | | 456-468.5 fmg hybrid schist | | | | | | | | | | | |
| | | essentially as above, loc more bio or cumm, loc plag, qtz, bio | | | | | | | | | | | |
| | | fmg insipient peg segs, loc plag bio qtz sch; here | | | | | | | | | | | |
| | | amphibole is hbl, not cumm. | | | | | | | | | | | |
| | | 468.5-482 schist | | | | | | | | | | | |
| | | plag, bio, qtz, musc (chl), crenulations, avg dip 10-40°, | | | | | | | | | | | |
| | | plag - qtz porphroblastic segs | | | | | | | | | | | |

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# KNOX MINING CORP.

## DRILL HOLE LOG

Deposit: Area 5
Drill Hole: 5-73
Logged by: H.M. Parker
Date: 1973
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| Deposit | Town | Co. | Lease No. | Hole No=Coordinate | | Collar Elev. | Angle | Azimuth |
|---|---|---|---|---|---|---|---|---|
| | | | | 1,221.0 | 1,506 | 239.4 | 90 | |

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

| Description | Drill Hole No. | | From | To | Ore Type | % Ni | % Cu | % Co | % Fe | % S | Deposit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SUDBURY ASSAYS | 1,221.0 | 1,506 | | | | | | | | | |
| 181-186 Fe 56.30 S 36.06 Au TC | | | | | | | | | | | |
| 231-239 58.40 37.44 | | | | | | | | | | | |
| LAKEVIEW | | | | | | | | | | | |
| 181-186 55.76 35.7 0.005 | | | | | | | | | | | |