

KL-75-96

UNITED KENO EXPLORATION
Diamond Drill Hole Log Page 1 of 6

091129

PROPERTY KING LAKE LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 18/75 COMPLETED Sept 23/75 LOGGED BY A. Beaver
SECTION _____ NORTHING 36+175 EASTING 4+00 W ELEVATION (collar) _____ ELEVATION (ground) 3712 BEARING 314°
DEPTH 461 DIP (collar) -65° DIP SURVEYS 65° @ 461' PURPOSE To check IP & mag anomaly
STRUCTURE

| FOOTAGE | | Minor | | Rec. | LITHOLOGY | Graphic | ALTERATION: w-weak, m-moderate, s-strong | | | | | | | | | | FOLIATION | | | FRACTURES | | | MINERALIZATION | | | | |
|----------------------|------|-------|----|------|--|----------------------------------|--|----------------------|--------|--------|-------|--------|-------|------|--------|-------|-----------|--------|---------------|-----------|---------|-------|----------------|------------|---|--|--|
| From | To | From | To | | | Contact | stain | 2nd qtz. | epi. | chl. | k fel | kaolin | serp. | sil. | oxld. | serp. | graphic | degree | angle | graphic | density | angle | mo:bn:cp:mt:py | Occurrence | | | |
| 0 | 50.8 | | | 5% | ss - pebbles & sand | | | | | | | | | | | | | | | | | - | - | - | | | |
| 50.8 | 66.0 | | | 90% | alt diorite - coarse grained. hypidiomorphic granular. - mafic completely → chl + epi. ~35-40% feldspar fresh ~100% Ab. eluvion up to 1/4" thick | | | s/gn w/lt repl | 5/ltl | | | | | | | | | | 4pt loaded | 9/4+ | 70° | | | | | | |
| 66.0 | 69.0 | | | 95% | alt. edg. gabbro. coarse, allotriomorphic granular - serb. chl complete repl. of mafic - feld. - marked by clasts. wk. mag. - core highly broken up. | Top sharp - broken up | | | 5/ltl | | | | | | 5/ltl. | | | | | | | | 1% - | | | | |
| 69.0 | 82.0 | | | 85% | alt + shered diorite - chl + epi. rel. of mafic | Top sharp and broken up | | W/ltl | W/ltl. | W/ltl. | | | | | W/vn. | | | | | | | | - | - | - | | |
| Hole No. 175-01 Page | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2 STRUCTURE

| FOOTAGE | | Minor | | Rec. | LITHOLOGY | Graphic | ALTERATION : w-weak, m-moderate, s-strong | | | | | | | | | | | FOLIATION | | | FRACTURES | | | MINERALIZATION | | | |
|---------|-------|-------|----|------|---|-------------------------------------|---|----------|------|---------|-------|--------|-------|-----------------------|------------------------------|-------|---------|-----------|-------|---------|-----------|-------|--|----------------|--|--|--|
| From | To | From | To | | | Contact | stain | 2nd qtz. | epi. | chl. | k fel | kaolin | leum. | sil. | oxid. | seip. | graphic | degree | angle | graphic | density | angle | mo:bn:cp:mt:py | Occurrence | | | |
| | | | | | + feldspars marked by scales. - wk. foliation @ 35° - no epi in zone above + rock appears finer grained. - some seip. v. n. | | | | | | | | | | | | | | | | | | - - - | | | | |
| 82.0 | | | | | mud + sand at contact of alt. diorite + gabbro. | | | | | | | | | | | | | | | | | | | | | | |
| 2.0 | 116.0 | | | 50% | 6a gabbro. - black, coarse gr. - core strongly broken up into pea size pebbles. - strong mag. - weak repl. of mafics by seip. - stability nature of core prob. due to width. - Some seip. fractures have asbestos cross fibers < 1/16" long. | mud + sand at top contact. | W/1A | | | | | | | Im-W Hrs | W/1A W/seip | | | | | | | 13% | Tr. asbestos in fractures - < 1/16" | | | | |
| 116.0 | 272.0 | | | 75% | 6a gabbro - same as above but core more solid - still broken up but not in pea size frags. | | W/1A | | | W/seip. | | W/1A. | | W/-M Hrs + seip | minor shear zone @ 40° | | | | | | | | | | | | |

Hole No. 75-90 Pg. 2

UNITED KENO EXPLORATION Diamond Drill Hole Log Page 3

| FOOTAGE | | Minor | | Rec. | LITHOLOGY | Graphic | ALTERATION: w-weak, m-moderate, s-strong | | | | | | | | | | FOLIATION | | | FRACTURES | | | MINERALIZATION | | | |
|---------|-------|-------|-------|------|---|---|--|----------|------|------|-------|--------|---------|------|-------|-------|-----------|--------|-------|-----------|---------|-------|----------------|----------------------|--|--|
| From | To | From | To | | | Contact | stain | 2nd qtz. | epi. | chl. | k fel | kaolin | lawson. | sil. | oxid. | serp. | graphic | degree | angle | graphic | density | angle | mo:bn:cp:mt:py | Occurrence | | |
| | | 158.4 | 158.7 | 100% | Breccia zone - small (1/2") sub- rounded lithic frags in a chl + serp matrix - shearing at 40° | Top + bottom sharp at 40° | | | | | | | | | | | | | | | | | - | - | | |
| | | 165.9 | 169.6 | 100% | litic zone - lt. green color. - fine grained. - some shearing at 40° - Ab. cal. blebs. - color prob. due to chl. alt. | Top + bottom sharp. but some broken up. | M/ls. | | | | | M/ncpl | | | | | | | | | | | | | | |
| 22. | | | | | send - at contact. | | | | | | | | | | | | | | | | | | | | | |
| 22.0 | 296.0 | | | 100% | 4a greywacke! - greenish grey color. - med. coarse grained. - mafic frags + litic frags angular ~ 1mm (one frag 10mm) litic ~ 30% qtz ~ 20% feld ~ 50% qtz + feld rounded. Ab. cal. v. n. | Top send. | M/rn. | | | | | | | | | | | | | | | | | Tr. py in cal. v. n. | | |

Hole No. 75-4b Pg. 2

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4

STRUCTURE

| FOOTAGE | | Minor | | Rec. | LITHOLOGY | Graphic Contact | ALTERATION : w-weak, m-moderate, s-strong | | | | | | | | | | | FOLIATION | | FRACTURES | | | MINERALIZATION | | | | |
|---------|-------|-------|----|------|--|---|---|---------|--------|------|-------|--------|-------|------|----------------|------|----------------------------|----------------------|-------|-----------|---------|-------|---|------------|--|--|--|
| From | To | From | To | | | | stain | 2nd qtz | epi. | chl. | k fel | kaolin | laum. | sil. | oxid. | serp | graphic | degree | angle | graphic | density | angle | mo:bn:cp:mt:py | Occurrence | | | |
| 276.0 | 297.0 | | | 100 | 11a basalt. dk - poph with small mag. phenos - color green/black - groundmass aphanitic wk. mag. | Top sharp bottom sharp 240° | | | | | | | | | | | | Massive dk at 40° | | | | | - | - | | | |
| 297.0 | 332.0 | | | 100 | 4a Greywacke same as above | | | | | | | | | | | | | Mass | | | | | | - | | | |
| 332.0 | 383.7 | | | 100 | 11a basalt dk same as above | sharp broken up | | | | | | | | | | | | Mass | | | | | | - | | | |
| 383.7 | 203.0 | | | 25 | 6a gabbro - med alt. but still black color. | | | | W/serp | | | | | | M/serp v.h. | | | | | | | | | - | | | |
| 203.0 | 351.0 | | | 05 | 6b alt + sheared gabbro - color dk green has mottled appearance. - Ab selv - fs. - more felsic gabbro - med grained. | Top Sharp 45° | W/serp | | M/serp | | | | | | M/serp v.h. | | slightly fol. at 60-70° | | | | Tr | Tr | Tr py + cp an selv - fs. 313-322 Tr - dis py + cp. | | | | |

UNITED KENO EXPLORATION Diamond Drill Hole Log Page 5

| FOOTAGE | | Minor | | Rec. | LITHOLOGY | Graphic | ALTERATION : w-weak, m-moderate, s-strong | | | | | | | | | | FOLIATION | | | FRACTURES | | | MINERALIZATION | | | | |
|---------|-------|-------|-------|------|---|--|---|----------|-----------|------|--------|--------|-------|---------------|-------|------|-----------|--------|-------|-----------|---------|-------|----------------|------------|--|--|--|
| From | To | From | To | | | Contact | stain | 2nd qtz. | epi. | chl. | k fel | kaolin | leum. | sil. | oxid. | Serp | graphic | degree | angle | graphic | density | angle | mo:bn:cp:mf:py | Occurrence | | | |
| 351.0 | 370.0 | | | 100 | 6a Gabbro - wk-mod altered (bottom 2' mod altered) | Top grad 60-12-3' | | | W-M repl. | | Wk RE. | | | W-M repl. vn. | | | | | | | | | - | | | | |
| 370.0 | 392.0 | | | | 4a Greywacke - grey colour - med-coarse grain - coarse ditric frags (angular) + coarse rounded feld. gr. in fine argillaceous grey matrix ~ 10-15% lithic ~ 40% feld ~ 50% matrix In places ditric frags up to 1" same granitic (rare) frags. | Sharp best core broken up | | | | | | | | | | | | | | | | | - | | | | |
| | | 373.9 | 394.6 | | 11a dike rock. of amygdaloidal basalt - black with qtz filled amygdaloids | Top sharp 40' bottom sharp 40' | | | | | | | | | | | | | | | | | | | | | |
| 392.0 | 394.0 | | | | 6b altered gabbro db(?) - same coarse gr texture + micrology | Top sharp 20' bottom sharp core broken | | | M/repl. | | | | | M/repl. vn. | | | | | | | | | - | | | | |

Hole No. 75-96 Pg. 5

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 6 STRUCTURE

| FOOTAGE | | Minor | | Rec. | LITHOLOGY | Graphic Contact | ALTERATION : w-weak, m-moderate, s-strong | | | | | | | | | | FOLIATION | | | FRACTURES | | MINERALIZATION | | | | | |
|---------|-------|-------|-------|------|--|---------------------------------|---|----------|---------|---------|-------|--------|-----------|------------|-------|---------------------|-----------|--------|-------|-----------------|-------|----------------|------------|----|--|--|--|
| From | To | From | To | | | | stain | 2nd qtz. | epi. | chl. | k fel | kaolin | lawsonite | sil. | oxid. | serp | graphic | degree | angle | graphic density | angle | mo:bn:cp:mt:py | Occurrence | | | | |
| 94.0 | 407.0 | | | 100% | 4a Greywacke - some | Top - sharp but core broken up. | M/Vn. | | | | | | | | | Massive | | | | - | - | - | - | - | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 406.4 | 407.0 | 100 | 4a-altered greywacke - contact alteration next to gabbros. | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07.0 | 429.3 | | | 100 | 6a slightly foliated gabbros. - alt wk - mod increasing towards bottom. | Top - sharp @ 50' | w/vn. | | w/f.s. | | | | | w+m / f.s. | | wk. foliation @ 25° | | | | | | | | 3% | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29.3 | 461.0 | | | 95% | 6b altered & cleaved gabbros / same altered (diabase)? - med-dk green color - - med-coarse grained. - mod. magnetic | Top grad. | | | w-m red | w-m red | | | | w-m red | | | | | | | - | 1% | - | | | | |
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