KL-75-1

09129

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page

PROPERTY King Lake LOCATION 105-D-14 CORE SIZE BQ STARTED Aug 20/75 COMPLETED Aug 23/75 LOGGED BY Pierce

SECTION _____ NORTHING 30+00 N EASTING 14+50 E ELEVATION (collar) _____ ELEVATION (ground) 3087' BEARING _____

DEPTH 325 DIP (collar) -90 DIP SURVEYS _____ PURPOSE check TP anomaly + surface py in vol ans.

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	oxid.	Weak	FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo: bn: cp: mt: py	Occurrence
0	23.6				Overburden, boulders [illegible]																			
23.6	60.2			100	3a dk-m gry, dk grn, purple pyritic andesite, f-mg massive, equigranular [illegible]	60° [illegible]			W	W				W									~1%	fn [illegible] along frac planes
									frac/m	frac/m	frac/w			frac/m	frac/slim Hem	frac/S								
		29.8	30.4		Shear zone,				M	M						f/S								
		38.9	40.0		alt. zone, heavily frac sil, epi enrichment [illegible] hem along frac															10/ft	65°		<<1%	dis py
		41.6	42.8		large frac filling of sil with frag of andesite (breccia vn ~ ½" thick)															1/ft	15°		Tr	Bleb

Hole No. 75-1 Page 1

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log KL-75-1 Page 2

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.		FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo:	bn:	cp:	mt:	py	Occurrence
					mod. alt to ep + ch.																							
		43.8	45.8		cal enrich along frs																8/ft	50°					Tr.	fn. dis py
		55.9	56.2		frs filling mass epi, minor sil,				m	m				W.							2/ft	25°					1%	lrg blebs + along frs py.
60.2	61.4				3c - mgry, grn porph andesite aphanitic, equigranular pheno mg flds 10%, fel 80%, mafic 10%, alt of pheno to ep and py in filling sil enrichment along frs.																							1%	blebs refl. feld phenos.
61.4	82.2				3a - chl halos along frs filled with epi	Top 65°(?) indistinct				W					f/W						2/ft	40°					1%	dis. frs filling. refl blebs py.
		78.4	78.6		zones of sil, fel enrichment ep + py in frs, py pervassive																							
82.2	110.5	82.2	88.1		alt molted tex with 3a molted areas m-gr → wh alt ch, sil strong, foliated zone at 87.6 - m weath, mass py along frac.	45° sharp			W	W	W			W							3/ft	45°					2%	dis. B. frs py

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log KL-75-1 Page 3

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.		FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo	bn	cp	mt	py	Occurrence
10.5	120.0				3b amydaloidal aphanitic andesite + py + cal. amydules	55° indistinct			W	W	W				f/W						4/ft	130°					<1% v	amygdule fillings
120.0	141.6				3a - [illegible]	indistinct				W					f/W						1/ft	145°					1%	veinlets, dis.
																					1/ft	55°						
141.6	146.5				3a b k, gy (chloritic) andesite [illegible] 60% felsic, 30% mafics, alt 10%, spd completly replacing most of larger euptals	25 distinct			W	W				W	f/W						4/ft	55°					1%	dis, fog fillings
146.5	172.3				3a	10°			m	m				W	f/W						2/ft	120°					2-3%	dis, frs.
		151.6	153.6	.70	core broken up	indistinct			W						m						1/ft	25°						
172.3	175.7				3b amydaloidal and.- py, epi amydules.	45° indistinct									f/m						6/ft	45°					1%	py fillings in amydules
175.7	196.6				3a purple-gy - heavy alt to epoch on sil 182.6-189.6	35° sharp			W	W					f/W						3/ft	55°					2%	veinlets, dis

Hole No. 1 Pg. 3

UNITED KENO EXPLORATION

Diamond Drill Hole KL75-1 Log Page 4

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo: bn: cp: mt: py	Occurrence
196.6	209.5				3b	15°			W					W	W					2/ft	55		<1% py, fis.
		201.7	202.1		zone of epi alt with sil veins with blebs of chl.	sharp																	
		203.5	205.5		3a - - - -	10° sharp														1/ft	20°		
209.5	216.6				3a	40° sharp			W	W				W	S/W						60°		<1% py, fis, fac pl lets
216.6	221.7				3b	15 sharp			W											1/ft			<1% py, fis, lis
		221.6			qtz + epi alt'n																		
221.7	258.1				3a	10° indistinct			F/W	F/W					F/W					1/ft	50°		2-3% py, lis, fac pl lets
		232.9	233.1		fra alt to ep, chl, fel.																		
258.1	270				3b dk grn amygdaloidal and aphanitic, amygules of cal, note - no mineralization	40° distinct														4/ft	30°		Tr.	py Tr. in amygdules.
270.1	289.3				3a highly altered to ep and chl, sel enrich along some fac.	30° distinct			S	S	M			m						7/ft	45°		4-5% py, blebs.
		276	277		highly fra, weathered to hem. alt chl.										F/S								

Hole No. 1 Pg. 4

UNITED KENO EXPLORATION

Diamond Drill Hole KL-75-1 Log Page 5

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ cal	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	weath	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
		276	278		lt gry aphanitic and.																						-	
		282	287		shear zone, heavily fs, stretched crystal of sp + ch, clay (kaol) form in pt.		m								~~s~~	w											<1%	dis. py.
289.3	298.7				shear zone, heavily fs starting in aphanitic vol - progressing to a felsic breccia	5° broken sharp					s	m			~~s~~												<1%	dis, fs, py.
298.7	301.3				3a lt gy-gn leucocratic, fg, massive, ecugranular, felsic 85%, sp. ch 5%, alt 5% sil enrich, hem along fs	indistinct					m			m													1%	fn. dis
301.3	325				3a	indistinct															10/ft	130°					<1%	dis, [illegible], fs.
		308	311		shear zone, heavily fs, clay (kaol) form in pt, cal, sil enrich along fs.							m									[illegible]	[illegible]					[illegible]	[illegible]

DD-35

KL-75-2

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 9

PROPERTY King Lake LOCATION 105-D-14 CORE SIZE BQ STARTED Aug 23/75 COMPLETED Aug 30/75 LOGGED BY A.R.B.

SECTION _____ NORTHING Line 28+00N EASTING 14+15 W ELEVATION (collar) _____ ELEVATION (ground) 3459' BEARING 134°

DEPTH 285 DIP (collar) -76° SE DIP SURVEYS _____ PURPOSE check possible sheetlike, W dipping conductn - IP, EM-16 structures.

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	weath.	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
0	14.0			<25%	OB - boulder frags. + pebbles - seasonal with dis. py. - sandy soil																			
14.0	22.9			100%	4a - Greywacke		cal. W/frs.		W/FnE	W/frs.				W/frs.	lm-W/frs.	W/lm/frs.		lamination (mafic rich (mm 1/2)	60°	rough surface	4/ft.	40°	<1%	In fractures as below Trace.
					lt-dk grey, mg-cg., massive, poorly sorted Feldspar ~50-60% equidimensional subrounded-angular grains. (1/2-1 mm) Qtz ~5-10% - equidimensional subrounded grains (1/2-1 mm) mafics - indistinct fine grains (<5%) Rock Frags ~10% - rounded to angular, elongate - equidimensional - all volcanic frags (up to 10mm long) matrix - lt-dk grey sometimes greenish -10-20%																			
		22.4	22.7		Fracture filling (?) of qtz, chl, carb - minor.		vn/W			vn/S				vn/S									✓ ✓	dis py + mag in fr grains with chl

Hole No. 75-2 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	weath.	STRUCTURE FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					brecciation of chloritic material																							
22.9	30.0			100%	4b-mixed conglomerate - poorly sorted (pebble cobbles + boulders), massive - Well rounded fragments predominantly of volcanic (porphyritic + aphanitic) about 10% granitic clasts. Max size to 1'. About 50-60% fragments, 40-50% matrix. Matrix is light-dk grey, light-dk green - sometimes purplish. - matrix is clayey + sandy possibly partly chloritic	upper gradational	W/frs.							W/frs	1m-W/frs.	W-1m/frs				rough surface	2-3/ft.	40°					<1%	along fractures and in some pebbles of volcanic + granitic rock.
30.0	36.0			90%	4c-argillaceous arkose from v fg. sandstone at 30.0 to med gr. ss at 36.0. lt. grey/green to dk grey (gradational).	core broken b.	W/vn			W/vn					1m-W/frs.	W-1m/frs.				rough surface	4/ft	50°					<1%	along fractures

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: Log stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	Fe oxid.	Weat	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
					very fine grained arkose																			
					is greenish grey colour																			
					Only recognizable mineral																			
					are qtz grains ~5%.																			
					med. grained arkose is																			
					dk. grey colour -																			
					equigranular, massive																			
					with pred. rounded to																			
					sub-rounded grains.																			
					Feld. pm ~ 60%																			
					Several larger grains																			
					of feld. up to 2 mm.																			
					Qtz ~ 5%																			
					lithic fragments ~5% -																			
					sub-angular - sub-																			
					rounded (up to 10 mm)																			
					Clayey cement (matrix?)																			
					30%																			
		30.0	34.0	30%	4c-Vfg arkose	Top-core broke.	frs.								1m-M frs.	M-1m frs							Tr	in frs.
					core highly fractured	Bottom grad. to																		
					+ fractures lm stained	fg+mg.																		
					- looks like top of	arkose.																		
					graded sequence from																			
					congl. - arkose - vfg arkose																			

39.0 - 43.8 vfg

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	weath	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
36.0	39.0			100%	4B - mixed conglomerate greyish/green colour - sandy - argillaceous matrix. Fragments mostly pebble size (mean 1-2") Bottom 2" is lithic arkose (ie. no rounded pebbles - predom "sandy" matrix)	Top gradational	W/frs								1m-W/frs.	W-1m/frs		Massive		rough surface	3/ft	55°	Tr.	frs + in pebbles.
39.0	46.8			10%	4c - vfg - mg argillaceous arkose. Same sequence as 30.0-36.0 (vfg 39.0 - 43.8, gradational to fg + mg. arkose). Grey/Green to dk grey. Mineral comp. same, but lithic frags < 5%	Top - core broken over 1-2"	W/frs			W/frs.					W-1m/frs.	W-1m/frs.		massive		smooth	3/ft	50°	Tr.	frs with cal. chl
		39.0	43.8		4c - vfg arkose - mottled grey - grey/green colour - grades into mg. arkose at 43.8 - core more broken up than mg. arkose	bottom grad.	W/frs								1m/H. frs.	M-1m/frs		massive		stepped + rough	7/ft	70°	Tr.	frs.
46.8	60.7			95%	4b. mixed conglomerate. Same - grey to green colour. Predom.	~~grad~~ Top grad over 2"	W/vn frs							W/vn	1m-W/frs	W-1m/frs.		massive (crude layering)		rough	4/ft	50%	Tr.	frs.

Hole No. 75-2 Pg. 4

88-89

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 5 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	weak	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					pebble size (max 2"). Predom. volcanic pebbles.																							
		51.8	53.1	100%	4c-mg argillaceous arkose (~[illegible]) Minor sandy lense in conglomerate	Top grad. [illegible] 2"									W-1m frs.	—		massive									—	—
60.7	84.0			100%	4a-argillaceous greywacke - vcg felds. (2mm) - grey to green + sometimes purple colour lithic frags ~5% (some rounded)	Top grad. over 2" core broken	W-frs.			W/frs.					W-1m frs.	—		massive		planar	4-5/ft	75°						Tr.	frs.
																						50°						
																		laminations		rough	<1/ft.	20°						
																		argillaceous layers	45°									
84.0	119.6			95%	4b-argillaceous mixed conglomerate - layers of pebbles and layers of cobbles + boulders (max size 18". Also small lenses of arkose (2"-12") - about 10% granitic boulders.	Top grad over 2"	W/frs.			W/frs.					W-1m frs.	—		massive		rough.	3-4/ft	25°						Tr.	frs + in fragments.
																		crude layering of pebble congl. + cobble congl.				45°						

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 6 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	Fe oxid.	Weath	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
		88.0	89.0	100%	4c - argillaceous arkose	Top grad												lamination elongation.	45°								—	
					- minor lense in	Bottom grad																						
					conglomerate																							
119.6	146.7			95%	4a - argillaceous	Top.	W/frs.								W/frs	—		massive		rough + stripped	2/ft	35°					<1%	B. along fractures and minor in Fr. E of fel, epi. (chl)
					greywacke	gradational over																						
					- dk grey to lt greenish	1'																						
					coloured	Bottom grad over																						
					lithic fragments ~5%	~2'																						
					→ subgreywacke																							
					lithic fragments 2-10mm																							
					and angular																							
					Feldspars ~60%																							
					argillaceous matrix ~15-20%																							
					qtz in subrounded																							
					equidimensional grains ~2mm																							
					~5%																							
		129.2	133.0	100%	4c - argillaceous sandstone	Top grad.	W/frs.			W/frs					lm-W/frs	—		massive		rough.	5/ft	35°					<<1%	Frs + B. along frs.
					lt. green coloured.	Bottom grad over 3-4'																						
					med. grained to v. coarse																							
					grained.																							
					Qtz grains - subangular																							
					- subrounded, equidimensional																							
					1-2mm ~ 40-50%																							
					Feld - 10%																							
					Mafic grains ~5%																							
					lithic frags - 0%																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 7

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO_3 ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	Fe oxid.	weak	STRUCTURES ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					lt. green argillaceous matrix 40%																							
146.7	163.2			80%	4c - vfg - fg argillaceous arkose - lt. greyish green colour - Core is very broken up with pieces ~ <1" long qtz ~ 5% fld ~ 50-60% (sometimes a few verse grains rounded) mafics ~ 5%	Top-sharp - but core broken up	M/frs. + Vn									—		massive		core up	highly broken							<<1%	Tr. dis. py + along fractures with CO_3
163.2	163.4			80%	~ - graphitic gouge black - dull metallic lustre - possibly some chalcocite - also some lt. grey green rock flour mud. + small (2-3 mm) brecciated fragments	rough + broken core																						graphite (chalcocite?)
163.4	165.4			80%	4c - same as 146.7-163.2	rough + broken core	M/frs			W/frs								massive		core broken up							—	
165.4	167.4			80%	~ graphitic gouge + brecciated zone. - black graphitic		W											core is mushy									Tr.	CC? associated with graphitic gouge also Tr. py

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 8 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO_2 ~~stain~~	~~2nd qtz~~	epi.	chl.	k fel	kaolin	~~lgum.~~	sil.	Fe oxid.	Weath	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					gouge with some chalcocite(?) - Also silvery grey granulated rock flour and rock chips (2-5mm angular)																							
167.4	170.0			95%	Ac + fg quartzitic arkose - lt. green colour, - grains not individually visible - rock is sheared along discrete fracture planes giving rock a mottled appearance.	Top broken up bottom grad.	Dolomite vn			m/frs.				w/vn		—		massive.		polished	Ab.	25°						<1%	B. along fractures
170.0	179.8			95°	Ac - lithic + quartzitic arkose - lt to med green fg-mg containing Ab grains qtz ~ 20-30% Also pants angular + some rounded (up to 2 cm) lithic frags. Rock is sheared along discrete fracture giving broken		dolomite vns			w/frs				w/vn		—		massive										Tr	dis + frs.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 9

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	CO_3 ALTERATION: w-weak, m-moderate, s-strong: ~~stem~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	Fe oxid.	weath	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
79.8	285	(end of	hole)	95%	4a- argillaceous + qtzitic greywacke	Top grad.	Dolomite vn			w/frs		w/frs.		w/vn	hem vn.E					polished	6/ft.	40°	Tr	dis + frs
							calcite vn													polished	3/ft.	25°		(generally absent)
					- lt. to med grey & green												layer of Ab.	lamination	15°	polished		0°		
					- med - vers. grained												1 thic frag.							
					clastic												250'							
					qtz grains (1/2-2mm)																			
					5-20%																			
					feld grains (1/2-2mm)																			
					20-50%																			
					mafic grains < 10%																			
					argillaceous matrix																			
					50%																			
					- poorly sorted																			
					+ heterogeneous looking																			
					(due to fracturing +																			
					vn fillings of dolomite)																			
					- In places can																			
					see graded bedding																			
					with grad contacts,																			
					beds ~ 1'-2' thick																			
					from vcg subgreywacke																			
					to m.g. subgreywacke.																			
					- in grey coloured																			
					subgreywacke qtz is																			
					less abundant and in																			
					finer grains (1/4-1/2mm)																			

KL-75-3

KL-75-3

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 10

09129

PROPERTY King Lake LOCATION 105-D-14 CORE SIZE BQ STARTED Aug 30/75 COMPLETED Sept 5/75 LOGGED BY A. Beavan.

SECTION _____ NORTHING 14+00 N EASTING 6+75 W ELEVATION (collar) _____ ELEVATION (ground) 3343 BEARING 134°

DEPTH 521 DIP (collar) -60°SE DIP SURVEYS 521' = 64° PURPOSE To check IP anomaly coincident with +8000 gamma mag near Cu, Mo surface showing in Qtz. Monzonite.

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.		~~FOLIATION~~ STRUCTURE: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo	bn	cp	mt	py	Occurrence
0	12			10%	OB - [illegible]																							
12	22.0			90%	lb completely altered mafic rock - chlorite, saussurite, uralite, carbonate alteration. Med green coloured - mottled texture and colour. chlorite - 10-15% saussurite - 30-40% calcite - 5% uralite - 30-40% some large (2mm) mafics only partly altered but unrecognizable ~5%. 1-2% magnetite (whole rock has propyllitic alteration assemblage). - appears to be altered from a med grained basic rock.		M/repl w 25%	S/repl 30-40%		S/repl 10-15% w/frs.				w/qtz.rn.		unweathered [illegible]		massive		rough [illegible] filled.	2/ft. 8/ft.	30° 60°						1%	[illegible]	Tr. py on fractures with qtz + mag. dis throughout.
		17	18	40%	- same - core broken w/p + pebbly.																							

Hole No. 75-3 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	~~fel~~	kaolin	~~laum.~~	sil.	Fe oxid.	Weath	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
		20.8	21.4	50%	Same - core broken up and lm stain on frs + frs. E. - probably weathering feature										lm-frs frs E-M	M/lm												
2.0	23.5			95%	6a Gabbroic rock - med. grey to black, variable with mafic content - allotriomorphic granular (gabbroid texture - Average mineral composition Feldspar - 50-60% Mafic (Pyroxene) - 30-40% Magnetite - 3-4% - associated with mafics. - Rock is fresh with only serpentine + calcite in fractures and veinlets. - Composition is variable from felsic rich to mafic rich - felsic zones contain up to 85% feldspar + occur over lengths of 2'-3'. - Mafic rich layers	indistinct - core broken up	w/lm	(w)	—	—	w/lm	—	—	—	—	—		Massive - crude mineral layering (felsic rich + mafic rich layers)		rough rough	5/4 6/4	50° 40°				35%	tr	Mag. dis in grains with mafics. Py as coatings on frs. (rare)

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ CO_3	~~2nd qtz.~~ sulfs	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	oxid. Fe	Weath	~~FOLIATION~~ STRUCTURE graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					less abundant + generally are <1' intersection. Mafic mineral up to 70-80% - Changes from felsic rich to mafic rich zones are gradational. - Top contact - appears fairly sharp. Grain size in altered rock increases somewhat near contact (~1' contact zone) - gabbro shows no change in grain size. - some regeneration of 2nd-dary biotite (<1%) in altered rock up to 1' from contact																							
		49.0	52.4	10%	66 altered zone (?) - med. greenish colour - mafics partly altered to chlorite and green amphibole - Feldspars only altered around grain	grad.	W/fs	W/repl		M/repl								Massive		All fractures rough - some polished with serpentine + calcite						1-2%	-	Mag. dis. grains

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	weath	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					boundaries to saw. - Magnetite 1-2% unaltered. - Rock is much softer & easily cut by a knife - fractures contain serpentine and carbonate																							
		193	197	70%	- fractured zone - core is rubbly. Ab. fracture fillings of serpentine & calcite - rock unaltered.	—	M/fs,in	—	—	—	—	—	—	—	—	—	+	—		rough - serpentine	—	0°				1-2%	—	
		219.6	231.0	80%	- fracture zone (same as 193-197) - core is rubbly due to fractures with serpentine & calcite fillings parallel to core axis - rock is unaltered.		M/fs,in	—	—	—	—	—	—	—	—	—		—		rough	—	0°				1-2%	—	
		250.3	261.4	95%	- med grained diabase or gabbro - patchy & includes small sections of fresh core	sharp 15° bottom indistinct grad.	—	—	—	W/repl 2ndy biotite + 2ndy amphibole?	—	—	—	—	—	—		Massive		planar	3/4	45°						
																				planar	1/4	25°				2-3%	Tr.	

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 5 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ (CO3)	~~2nd qtz.~~ (sacc)	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	oxid.	Weath	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					gabbro																							
					-colour is med green/																							
					grey.																							
					-distinctive mineral																							
					is brown 2ndy																							
					biotite -																							
					-greenish colour																							
					seems caused by																							
					partial chloritization																							
					of mafics + possibly																							
					some amphibole.																							
					-parts of section																							
					strongly fractured																							
					with calcite +																							
					serpentine fillings.																							
		2614	2650	100%	fine - med grained mafic rich	Top - interfingered + grad.	w/vn											Massive.								2-3%		
					gabbro. (?) - fine grained																							
					at 2614 - black	bottom - grad.																						
					-gradational to																							
					med. gr at 2650.																							
					gradational to																							
					coze. grained gabbro																							
					-unaltered except																							
					for serpentine +																							
					calcite fracture																							
					fillings.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 6

STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	weath	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
84.5	287.3			95%	6b altered gabbro?	Top grad. over 2"	M/vn			M/p	mod/vn							Massive		rough.	3/ft	40				<1%	Tr.	Tr. py in fractures
					- med green colour.																							
					med-coarse grained.																							
					- mottled appearance -																							
					mafics partially																							
					replaced by chlorite																							
					+ green amphibole.																							
					- Ab. vn. cal + fel.																							
					- magnetite much less																							
					Ab (<1%) associated																							
					with fresh mafics grains																							
80.3	294.3			95%	1b fine grained - med. gr.	Top grad. with med grain bottom - grad	M/vn	S/repl	M/vn	S/repl				W/Fr.E.			Massive								<<1%	Tr.	<<1%	cp in B. assoc with calcite vn. py in B along fractures. py >> cp.
					completely altered																							
					rock (same as 12-22)																							
					- feldpars ⇒ saussurite																							
					30-40%																							
					- mafics ⇒ chlorite + green																							
					amphibole 30-40%																							
					- A few surviving																							
					large fresh grains of mafics																							
					~5%																							
					- magnetite almost																							
					absent																							
294.3	295.5			100%	Contact zone	grad. over 2"				W/frs	W/frs + Fr.E			W/frs + Fr.E				lamination at contact	60°						-	-	<1%	py occurs dis + B along fractures + in Fr. E
					- lt. green colour.	contact laminated or sheared.																						

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 9 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	~~laum.~~ ser.	sil.	oxid.	weath	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
		360.5	361	100%	small breccia zone					M/vn										chl filled rough	17/ft.	70°					Tr.	B. py in chl vn.
					- fracture filled with																							
					chlorite enclosing																							
					small (2mm) & large																							
					grains of feldspar.																							
					B. py in chl.																							
371.5	390.0			95%	10b Altered zone & fractured	grad.	W/repl + frs		W-M/repl	W-M/repl M/frs	M-S/Fr.E	M/Fr.E		M-S/Fr.E				Appears foliated due to abundance of chloritic fractures	50°	chl	23/ft.	50°			Tr	Tr	Tr	Tr B on fractures + dis with mafics py >> cp.
					zone -																							
		371.5	375.0		371.5 - 375 - Rock still	Top + [illegible] grad																						
					fresh looking but Ab																							
					fractures (~23/ft) with																							
					chl + epi on fracture - also																							
					Ab fel + sil enrichment																							
					in Fr.E up to .1" thick																							
					- Tr. cp + py																							
					Also weak - mod																							
					kaolin in Fr.E 1/16" thick																							
		375.0	392.5		Strongly altered - rock	Top + [illegible] grad	W/frs + repl		M/repl + frs.	M/repl + frs	W-M/Fr.E	S/repl.	[illegible]	W-M/Fr.E						smooth + polished rough	18/ft.	40° 15°			Tr.		Tr	dis in altered mafics + B in frcs. (py >> cp)
					is white/greenish color																							
					feldspar $\xrightarrow{\text{complete}}$ kaolin																							
					mafics $\xrightarrow{\text{complete}}$ chl + epi																							
					kaolin - 60%																							
					chl - 10%																							
					epi - 10%																							
					calcite - 1-2%																							
					qtz - 10-20%																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page #8 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.	weak	FOLIATION graphic	FOLIATION degree	FOLIATION angle	FRACTURES graphic	FRACTURES density	FRACTURES angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					Rock also highly fractured (but more irregular fracturing than 371.5-375.0)																							
		392.5	399.0		Same as 371.5-375.0		W/repl fs.		W-M/repl fs	W-M/repl fs	M/Fr.E	M/Fr.E		M/Fr.E				Massive but mod well fractured		rough	10/ft	50°			Tr		Tr.	
					- kaolin alt in Fr.E.																							
					- Ab. Fr.E fel + sil																							
					- chl fractures																							
					- not as highly fractured																							
					380.7-381.2 - core rotted + crumbly.																							
		482'			small rounded xenolith .5" diameter - greenstone xenolith chl-epi alt. - non magnetic - similar to altered green rock seen at top of hole 12'-22'																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 9

STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz~~	epi.	chl.	k fel	kaolin	~~fawn~~	sil.	oxid.	weath	FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo:	bn:	cp:	mt:	py	Occurrence
					siliceous, laminated zone- possibly hybrid of meta. No grains visible.																							
496.5	521.0			95%	10a- qtz. meta. -colour- felsic minerals are grey + pinkish colour. Mafics are green due to chlorite -overall colour greenish grey. -hypidiomorphic granular - somewhat porphyritic with 1 or 2 pink euhedral feldspars up to 5mm + some larger irregular clots of mafics up to 8mm. -qtz - 15-20% fld - 60-70% mafics predom biotite altered → chlorite + minor epidote. Some hornblende. biotite - 10% chlorite 5% epidote 1%		W/wpl orn		W/wpl	M/wpl + frs.		W/wpl TrE					Massive			rough	11/ft	60°			Tr	Tr	Tr		mag. - fr. case dis. arsenic assay - fr. dis. gives assay values in ppb on hour long fractures
																				rough	9/ft.	65°						
																				polished chl.	—	0°						
																				polished graphite @ 325'	core broken up.	10°						
																				chl, ep, cp, py @ 345'	-	10°						
																				chl, cp, py at 360'	-	0°						
																				chl, ep, cp+py at 404'	—	25°						
																				chl, cp+py @ 407'	—	20'						
																				chl cp+py at 429'	—	20°						
																				chl py @ 441'		70°						
																				chl cp ☆ 455'	-	25°						
																				epi/chl cp, py at 470'	—	15°						
																				chl, py cp @ 489'	5/ft	50°			Tr		.2%	dis along fro. py >> cp.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 10 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	oxid.	Weath	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
					magnetite - Tr.																			
					pyrite - .1-.2%																			
					chalco - <.1%																			
					- alteration: mafic																			
					minerals generally																			
					partly chloritized																			
					and also most fractures																			
					polished with chlorite																			
					- minor epi alteration																			
					of mafics and minor																			
					epi on frs. Also minor																			
					vn of epi but rare +																			
					<1/16" thick. Also assoc with kaolin Fr. Fe.																			
					- Feldspars are white																			
					and cloudy along																			
					some fracture (fracture envelopes																			
					~1/4" on both sides of																			
					fracture) - kaolin alteration																			
					- Calcite occurs in places																			
					in vn (1/16") on fracture and																			
					also minor calcite in																			
					rock from alteration (1-2%)																			
					- graphite coatings on																			
					fracture occurs in two																			
					places (thin <1/16" coating)																			
					- mineralized fractures																			
					assoc. with chl + epi alt.																			

KL-75-4

DD-35

KL-75-4

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 11

081128

PROPERTY KING LAKE LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 5, 1975 COMPLETED Sept 9/75 LOGGED BY A. Beaver

SECTION NORTHING 14+00N EASTING 4+50 W ELEVATION (collar) ELEVATION (ground) 3345 BEARING 134°

DEPTH 401 DIP (collar) -60° SE DIP SURVEYS Didn't work PURPOSE To check structure & mineralization of qtz monzonite

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	~~leum.~~	sil.	oxid.	[illegible]	~~FOLIATION~~ STRUCTURE graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
[illegible]	22			[illegible]	OB																							
22	62.6			[illegible]	2 Mesocratic diorite - med grey colour - somewhat porph tex with fine anhedral dot. (up to 1mm) of mafic & hypidiomorphic granular groundmass in which mafic occur interstitially to felds. - mafics are partly altered to chlorite, epidote, and uralite(?) some large dots show rings with uralitic core surrounded by chlorite. Biotite & hornblende occur as mafics unaltered. Feld ~ 60% chl, epi + uralit. ~ 20%	—	Tr/mpl	W/Fr.E 1/4"	W/vn trepl	M/mpl fs.						Fresh		Massive		mag	3/ft.	50°	Tr		Tr	Tr	Tr	mo - Tr. smears on fs. cp - dis & med gr. with mafics & on fs py - dis & med gr. with mafics & on fs mt - dis. with mafics. Tr. graphite on rare fractures

Hole No. 75-4 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ CO3	~~2nd qtz.~~ sericite	epi.	chl.	k fel	kaolin	~~laum.~~ sec	sil.	oxid.	weak	~~FOLIATION~~ STRUCTURE: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo:	bn:	cp:	mt:	py	Occurrence
					Biotite + hor ~20%																							
					calcite - <1%																							
					magnetite <1%																							
					- Diorite shows		M-S/repl		M/repl	M/repl	S/P	S/repl																
					patchy areas of																							
					strong alteration																							
					- these areas associated																							
					with fractures																							
					- Altered areas show																							
					similar porph. texture																							
					- Alt. - Felsic enrichment																							
					Feld ~30%																							
					- mafics completely																							
					altered to chl, epi,																							
					uralite																							
					- calcite constitute																							
					~3-4% of rock																							
					- Feldspars are turbid																							
					white due to kaolin																							
					- Diorite also has																							
					patches of med gr.																							
					green alt. rock. Tex-																							
					ture appears mottled																							
					- little or no felsic																							
					material.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO_3 ~~stain~~	~~2nd qtz.~~ sericite	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.	wents	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					- These green alt. rocks are masses of chl, epi, uralite, carbonate and some serpentine(?) - They occur together with the felsic rich sericitized zones and occur along fractures																							
		24.2	33.6	9.0	1a - Patchy zone of alteration - areas of felsic rich kaolinized rock (porph with alt. mafic phenos) - contact in place gradational over 1/4" to fresh diorite. In places fresh + altered diorite seperated by fracture. These fractures are made up of The green alt. rock (masses of chl, epi, carb, uralite with little feldspar)	grad to fract.	W-M repl + frs.		W/repl	W-M repl	M/P	M/repl				—		Massive		chl ep filled	4/ft	20°			Tr		Tr	cp + py occur in [illegible] fractures + dis with mafic.
																				filled with green alt. rock. Some shearing.	-	0°						

Hole No. 75-4 Pg. 3

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.	weath	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					-also in zone of felsic rich kaolinized rock at ~33.4 is a fragment (angular-sub-angular) of green alt rock which appears to be a zenolith																							
		33.6	35.2	100%	1b green alt rock -structureless -fine-med grained mass of green minerals (chl + uralite?) -In places texture looks porph -Possibly sheared, granulated & altered diorite?	Top grad over 1/4" Bottom sharp.	W/repl		M/repl	M-S/repl						–		Massive									Tr	
		35.2	36.3	100%	1a Patchy felsic rich kaolinized zone -same as 24.2-33.6	grad	M/repl		W/repl	M/repl	M/P	M/repl					–	Massive (patchy alteration)		planar "	– –	20° 50°					Tr	Py on frs.
		57.7	58.3	100%	10a - dk of qtz monzonite -chilled fine grained border in qtz monz. ~ 1/4-1/2" of qtz monzonite	Top-sharp 25° Bottom sharp ~ 25°	-	W/Fr.E.	W/Frs	-	-	-	-	-	-	-		Massive							Tr		Tr	Tr dis cp + py Tr py + cp on epi frs.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 5

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ cor	~~2nd qtz.~~ sand	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.	weath	~~FOLIATION~~ STRUCTURE graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					- contacts are sharp																							
					+ diorite must have																							
					been 'cold' when																							
					qtz. monz intruded																							
67.6	83.5			75%	10a Qtz monzonite(?)	Top - core broken up over 6" but contact appr. mst. be sharp. Bottom - sharp but core broken up	W-M / frs + repl		W/repl	W/repl + frs		W-M / repl						Massive									Tr.	Tr. dis py.
					- core is broken up.																							
					- med to core grained																							
					- med. grained at Top +																							
					bottom contact - core																							
					grained in centre over																							
					~2'																							
					- med grained is equigranular																							
					with only a few large																							
					dot of mafics																							
					- colour is greenish due																							
					to chloritization of																							
					mafics - pink feldspars																							
					are absent (maybe																							
					a granodiorite)																							
					- rock generally																							
					look mod. alt. with																							
					chlorite + in places is																							
					strongly fractured																							
					with carbonate																							
					fillings + some kaolin																							
					of feldspars + carb.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 6

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stem~~	~~2nd qtz.~~ sauss	epi.	chl.	k fel	kaolin	~~lam.~~ sec	sil.	oxid.	weath	~~FOLIATION~~ STRUCTURE graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
33.5	130.0			95%	2 diorite - relatively fresh except for chl. of mafics - porph text. same as before - felsic rich kaolinized patches absent. - vn of qtz + fel Ab probably related to Qtz Monz - some have B. cp.	Top - sharp but core broken up	W/frs		W/repl	W-m repl + frs.	W/vn qtz + fel			W/vn qtz + fel	W/hem frs	-		Massive.		filled with chl, fel, qtz Tr. cp.	7/ft	35°			Tr		Tr.	Tr dis + Tr. on frs. + Tr. in qtz + fel vn. (1/4")
		116'			small angular zenolith (1") of fine grained green alt rock - diorite approaching qtz monzonite contact appears more felsic + lighter colored																							
130.0	226.3			75%	106 Qtz. Monz - lt greenish colored in places containing pinkish feld. Porph texture due to large clots of chl. mafics + a few large pink euhedral feld.	Top sharp - small white qtz vein - 1/2" thick at contact	W/repl + frs.		W/repl	M/repl frs.		M-S? repl Fr. E			-	-		Massive					Tr.		Tr		0.2%	cp + py dis with mafic clots + ~~some~~ rare on frs. one speck of mo was seen on fracture graphite occurs on rare frs as coating

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 7

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stem~~ cos	~~2nd qtz.~~ sous	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.	weat	~~FOLIATION~~ STRUCTURE graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					- This section is overall moderately altered. Some of the rock is felsic rich with mafics occuring only as streaks. These sections are associated with strong kaolinization of feldspars. Alteration is generally patchy going from weak to strong - In this section the core is broken up + in parts rubbly.																							
226.3	24.28			90%	10a Qtz-Monz-Fresh rock - shows typical hypidiomorphic granular texture with slight porph texture due to large mafic clots + some large euhedral pink feldspars. - core is more solid.	Top-grad.	w/refd + frs.		w/vn	w/refd frs.		w/Fr.E 1/4"	w/Fr.E 1/8"		-	-		Massive		smooth epi.cp py 266'	6/ft. -	50° 20°			Tr	Tr	Tr		cp+py dis with mafics + frs. py >> cp. mag in grains with mafics up to 2 mm
																				epi.cp py 262		20°						
																				epi.cp py 270'	-	20°						

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 8 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO3 stain	2nd qtz.	epi.	chl.	k fel	kaolin	ser. laum.	sil.	oxid.		~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
		264			Small zenolith (1" dia) of fine grained green altered rock. Zenolith is subangular with sharp outline																							
		281.3	285.4	20%	- altered & fractured zone - Plois enriched with Hb. chloritic fractures. One large fracture ½" shows breccia fragments in chl. matrix. Mineralization same. Wk ser. alt along fractures	Top grad bottom grad.	W/frs		M/frs				W/Fr.E 1/8"					Massive		rough	10/ft	45°			Tr	Tr	Tr	cp+py on frs + dis.
		3125			Xenolith - same size etc as 264'																							
42.3	357.5			10%	2 diorite - med-coarse grained hypidiomorphic granular - some what porph. with large 3-4mm clots of mafics. Mafics partly altered to chl + epi	Top sharp. 40°		W/FrE 1/8"	W/epi frs. m	M/epi					-	-		Massive							✓		✓	cp+py on frs. + dis

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 9

STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.		FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					- med grey colour - w pink feldspars - appears to be border phase of [illegible] - some small vn of pink felsic material. - some small vague xenoliths subangular ~ 1" dia ghosts - ie partly assimilated.																							
575	272			95%	16 Sheared congl (?) - heterogeneous rock - boulders (up to 24") of coarse grained equigranular diorite rocks - These boulders are moderately altered (chl, epi, sauc). - Matrix is fine to coarse grained, dk green colour - chlor typed - boulders have closely spaced chl fractures [illegible]	Tap-irregular			M/Mfl/n	S/Mfl								Massive (unfoliated)							Tr		Tr	cp + py occurs B. along fracture + some dis. near fr.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 10 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain (CO3)	2nd qtz. (sus)	epi.	chl.	k fel	kaolin	laum. (ser)	sil.	oxid.		FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
372	382.4			100%	6b altered gabbro - looks texturally like a mafic rich gabbro - crse grained allotriomorphic granular - lt. minerals ~ 25-30% - dk ~ 70% Feldspar → sus + CO3 Mafic → chl + hom. - lt bottom contact slight alt of adjoining rock over 1/8" - probably dike of gabbro?	Top sharp 55° bottom sharp 40°	M/mfl	M/mfl		S/mfl								Massive							Tr	~18	Tr	Tr. py + cp + fs. Mt. dis + B.
382.4	385.1			100%	1a crse grained sheared dioritic rock - same as frags in sheared conglomerate	—																						
385.1	386.5			100%	6b altered gabbro - same as 372 - 382.4	Top sharp bottom sharp 50°																						
386.5	401			100%	1a diorite - med - crse grained hypidiomorphic granular - mafics chloritized.					W-M chl	M/vn						Massive							Tr		Tr	cp + py B in fel vn + dis

391-393.4

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 11

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	~~laum.~~	sil.	oxid.		graphic	degree	angle	graphic	density	angle	mo:	bn:	cp:	mt:	py	Occurrence
					Feldspars are																							
					grey coloured																							
					giving rock																							
					dk grey/green																							
					colour - same as																							
					top diorite																							
					- alteration increases																							
					going down & at																							
					bottom rock is H																							
					green coloured																							
		391	393.4	[illegible]	Fragment of dike	Top & bottom												Massive.							Tr		Tr	
					of pink qtz monzonite	sharp irregular																						
					- coarse grained hypidiomorphic granular																							
					rock with pink feldspars																							
					(similar to [illegible]																							
					vein preceeding)																							
					- contact are sharp.																							

KL-75-5

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 9

09129

PROPERTY King Lake LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 9/75 COMPLETED Sept 12/75 LOGGED BY A. Beaman

SECTION ____ NORTHING 4+00 N EASTING 7+75 W ELEVATION (collar) ____ ELEVATION (ground) 3328 BEARING 134°

DEPTH 452' DIP (collar) -60° SE DIP SURVEYS @ 452' -62° PURPOSE ____

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	2nd gen. lawm.	sil.	oxid.	weath	STRUCTURE/FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo: bn: cp: mt: py	Occurrence
0	20.6			20%	OB - boulders + pebbles.																			
					- casing to 18'																			
20.6	50.0			95%	6a GABBRO - highly mag.	—	W/Fes			W/pale Fe E			W/Fe E			Fresh	1	Massive		rough (sl. ↓)	2/ft	30°		Tr	1-2%	Tr.	Mag dis. throughout
					- dk grey/black color																planar	3/ft	50°					Tr. py + cp associated w/ Tr some alt. along fractures.
					- mafics ~ 40-50%																							@ 34° - chl + cp fracture filling ~ 1/8" thick w/ Tr py + cp B.
					- felsic ~ 50-60%																							
					- allotriomorphic granular texture (gabbroid)																							
					- pyroxene mafics predom. but some plucks along fractures green hornblende or chl and some brown grdy biotite developed. Fractures commonly serpentinized - also some CO_3 or Tr. Some vn. of felsic material (1/16" thick)																							

Hole No. B-5 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	2nd qtz.	epi.	chl.	k fel	kaolin	~~laum.~~ 2nd bio	sil.	oxid.	serp	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
50.0	95.4			95%	6a Slightly foliated Gabbro - mineralogy same as 20.6-50.0, but a weak foliation is developed by anastomosing streaks of mafics - In places there are bands ~ 1/2" thick of mafic rich material - these show streaks of mafics parallel to the bands. - alteration minerals same as before (serp, chl, 2ndy biotite along some fractures)	Top-grad over about 12"	w/frs.			w/fs.			w/Fr.E.			w/frs vn		Foliation Weak anastomosing lines of mafics	20°	planar	5/ft	15°	Tr		Tr	1-2%	-	Tr mo in small B assoc. w/ tr small calcite vn along alt. fracture 56.5' Tr cp in alt zone along fracture w/ chl, amph & 2nd bio + mag. 58'
		63.5	70.0	90%	6a serp. foliated gabbro - med-greenish colour. - rubbly core - mafics replaced by serp + along frs 2ndy bio + green amph developed - calcite vn (1/16") along frs.		w/frs.			w/Fr.E.			w/Fr.E.			W.M mpt + frs.		wk foliation 10°		rough	8/ft	15°	-		-	1-2%		mag dis in large gr. along alt frs + in streaks ∥ foliation

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO_3 stem	2nd qtz. (sacs)	epi.	chl.	k fel	kaolin	2nd qtz. (bio)	sil.	oxid.	serp.	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
95.4	106.8			80%	6b Altered & sheared GABBRO - Serpentinized - Increasing serpentine, chl, carb alteration from 95.4 to 106.8 - Also increasing granular texture. - Well fractured with serp. + calcite fracture - core in places rubbly. - feldspars increasing in clay alt.	Top Grad.	M/frs +vn			W-M frs + repl		W-M repl				M/repl frs vn.		Foliation W-M.	20°	rough	14/ft.	50°	-		-	1-2%	Tr.	Tr. py cubes in calcite vn & serp. vn
		105.1	106.3	100%	1b Altered dioritic dike - White coloured due to complete kaolinization of feldspars. - Qtz ~10% - mafics → chlorite ~ 25% - Kaolin ~ 65% - sheared + altered.	Top sharp. core broken up. Bottom sharp core broken up.	N/frs.			S/repl		S/repl						Massive.							Tr.			D.s cp with chl.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO_3 stain	2nd qtz.	epi.	chl.	k fel	kaolin	2ndy bio. ~~lacm.~~	sil.	oxid.	serp	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
26.8.	143.5			35%	6a Sheared (weakly foliated) gabbro - same as before - alt only along fractures - serp + calcite vn. - Foliation caused by streaks of alligned mafics + serp - also weak banding of mafic rich layers ∥ foliation - serpentine + 2ndy biotite replacement increase over bottom 5-10', gradational to more highly altered gabbro.	Top grad, over 6".	W/vn			W/Fr.E			M/Fr.E			W/vn repl.		Foliation + banding W-M	10-20°	planar	8/ft.	25°				1-2%	Tr.	Tr py. on frs with calcite + serp.
143.5	157.5			90%	6b Serpentinized Gabbro - rock is med grey/green colour - Texture is same as fresh gabbro. - mafics → serp + chl + green amp. + 2ndy biotite - feldspars look a bit cloudy, prob due	Top Grad over 10'	W/frs + repl + vn			M/repl		W/repl	M/repl.			M-B vn + repl.		Massive in places has traces of foliated structure @ 10°					Tr		Tr	1%	Tr	Tr py + cp + mo. assoc with cal vn. in B.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 5

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ (CO3)	~~2nd qtz.~~ (sericite)	epi.	chl.	k fel	kaolin	~~laum.~~ (zoisite)	sil.	oxid.	serp	~~FOLIATION~~ STRUCTURE graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					to clay & calcite alt																							
					- core is soft + in																							
					places rubbly.																							
					- fractures ∥ core axis																							
					make core look highly																							
					fractures.																							
					Ab. hairline frs.																							
		149.2	150.5	90%	Fault gouge + breccia?	Top sharp 90°										S												
					- core crumbly.																							
					- gouge contains serp.	bottom																						
					+ small sub rounded	- sharp																						
					rock fragments	50°																						
57.5	165.5			90%	lb greenstone - altered	Top	W/frs	M/repl. Fr.E	M/repl	M-S/repl								Massive							.1%	-		cp B. in qtz/calcite
					diorite	sharp 70°																						vn. + along
					med-dk green colour	bottom																						fractures + contacts.
					- hypidiomorphic	sharp 15°																						- No MAG.
					granular, med-coarse																							
					grained																							
					- epi, chl, green amphibole																							
					alt of mafics.																							
					- characterized by,																							
					~15% white feld.																							
					- in places has porph texture																							
					with large euhedral chloritized																							
					hornblende(?) grains.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 6 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	leuco.	sil.	oxid.	serp	FOLIATION: graphic	FOLIATION: degree	FOLIATION: angle	FRACTURES: graphic	FRACTURES: density	FRACTURES: angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
165	167.0			100%	Altered Gabbro 66 - same as before. Serp & bndy biotite A.O.	bottom sharp 30°	W-M wkl. pins.			N-M wkl	M/Fr. E		M/wkl			M/wkl		Massive						Tr	1%			Tr. B. of cp near contact. ✓
167.0	231.0			90%	1b Green stone alt. diorite - same as before - characterized by chl, epi, sauss + some remaining white (2ndry?) feldspar - non-wk magnetic.		W/tr.	M-S wkl Fr. E	M/wkl	S/wkl			W-M wkl			-		Massive					Tr.		Tr	Tr	Tr.	Tr. B. of cp, mo, py in calcite veinlets. ✓
		176.2	176.8	100%	v. crse grained mixture of chlorite ~ 60% qtz ~ 15% feldspar ~ 25%	grad.		S/wkl		S/wkl								Massive		—			.1%		Tr			B. mo. + cp ✓
		215		100%	band of v crse gr. brown biotite								S.															
		219.3	221.5	100%	66 Altered gabbro - grey/green/brown - same as below - med - st. magnetic	Top sharp 35° b												Massive									Tr	Tr. py cubes.
231.0	442.0			100%	66 Altered gabbro. grey/green/brown - allotriomorphic granular med-crse grained.	Top - sharp but irregular	W/tr			M/wkl			M-S wkl			M-S wkl tr fib		Massive						Tr	1%	Tr		Tr. cp+py in fractures + surface

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 7 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	2nd qtz.	sil.	oxid.	Serp	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					- Ab. brown 2ndy biotite																							
					+ chl alteration																							
					- feldspars are																							
					grey coloured																							
					- mod-st. mag.																							
					- includes small																							
					fragments of the																							
					greenstone-altered																							
					diorite (possibly																							
					zenoliths) - some																							
					show a degree																							
					of roundness, - contacts																							
					are always sharp.																							
					- Fragments are up																							
					to 1' across.																							
		245.2	247.6	[illegible]	1a Coarse grained, hypidio-			S/repl		M/repl								Massive							Tr.			one speck cp seen
					morphic granular																							
					massive diorite																							
					- white colour																							
					- feldspars almost																							
					totally sauss. especially																							
					around frs.																							
					- Mafics - biotite partly																							
					chl.																							
					Top contact grad.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 8 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	oxid.	ser	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					to altered green diorite - bottom contact sharp with altered gabbro - at 248.1 a rounded frag of this rock seen in the altered gabbro.																							
		339.1	339.5	100%	v. crse gr. clot of chlorite (100%) - large interstitial blebs of pyrite	grad.				s/mpl.								Massive									Tr	one large B. of py interstitial to chl.
		393.6	394.8	100%	v. crse gr. clot of chlorite + felsic material - chlorite crystals ~4mm + fel. enrichment along vn.	grad.				s	s/Fr.Tr							Massive										
		393.2	399.3	100%	same as 393.6-394.8													Massive									Tr	Tr py dis - same in amygdules
449.0	459	End of hole		100%	amygdaloidal andesite - fresh except top 6" - med grey colour fine grained, amygdules	Top sharp 230°																						

Hole No. 75-5 Pg. 8

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 9 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	laum.	sil.	oxid.		graphic	degree	angle	graphic	density	angle	mo:	bn:	cp:	mt:	py	Occurrence
					if chl + cal.																							
		449.0	449.9	20%	Altered amyd. and.	bottom - sharp				s/p								Massive										
					- same as above only	but [illegible]																						
					pervasive chloritization	up																						
					(2) Rock is aphanitic																							
					lt. green color +																							
					soft.																							

DD-35

KL-75-6

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 3

091129

PROPERTY KING LAKE LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 13/75 COMPLETED Sept 15/75 LOGGED BY A. Beaver

SECTION _____ NORTHING 5+70 S EASTING 14+25E ELEVATION (collar) _____ ELEVATION (ground) 3316 BEARING —

DEPTH 402' DIP (collar) 90° DIP SURVEYS _____ PURPOSE To check IP anomaly.

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	oxid.	weath	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
0	31.5			5%	OB - a few glacial pebbles.																			
31.5	258.4			99%	7 Diabase - fn-med grained, phaneritic - greenish/grey colour due to w chl + epi alt. - equigranular, massive - In places has larger (2mm) rounded fillings of qtz, fel + epi - possibly amydules but not abundant - rock is very regular + no variations in total section. - core very good with only a few blocky sections - very good drilling. - mafic ~30%-40 - feldspar ~70%-60	—	-	-	w	w						fresh		Massive		rough	3/ft	45°	✓ Tr.	Tr. dispy in med size grains Mag dis throughout wk-mod mag.

Hole No. 75-6 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	2nd qtz.	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	oxid.	serp.	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
					• mafic too fn. gr. to recognize - alt partly to chl + epi. - wk - mod mag.																			
58.4	373.3			100%	6a GABBRO - Dk grey - black • cse grained - allotriemorphic gran. - high mag - serpentine coated frs + vn. + carb frs + vn - rock & sabs very fresh appart from frs. - no change near contacts	Top-sharp @ 40° Bottom-sharp @ 30°	W/frs + vn.						W/frs E			M/frs + vn.		Massive • minor fol + banding in places @ ~45°					1-2% -	
		262.0	263.1	100%	Serpentine-Gabbro breccia - sub angular - subrounded gabbro frags for ½cm-3cm long in a serp/calcite/fel matrix	Top-sharp @ 30° Bottom-sharp @ 60°	N									S		Massive					1-2% -	

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.		~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
73.3	377.0			100%	7 aphanitic vol. - at bottom grad. grain size change to diabase. and color change from top to bottom black to greenish. - py dis throughout in med. crse grains.	Top sharp. Bottom grad												Massive									1%	py dis in med grains
77.0	402			100%	7 diabase - same as top of hole.				w	w						fresh		Massive									Tr.	Tr. py. dis.

Hole No. 75-6 Pg. 3

KL-75-7.

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 4

C01129

PROPERTY KING LAKE LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 14/75 COMPLETED Sept 18/75 LOGGED BY A. Beavan

SECTION NORTHING 30+00 S EASTING 10+00 E ELEVATION (collar) ELEVATION (ground) 3603 BEARING —

DEPTH 325' DIP (collar) -90° DIP SURVEYS PURPOSE check IP + mag anomaly.

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	2nd bio laum.	sil.	oxid.	serp.	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
0	152'			10%	OB - cobbles + boulders of glacial till + sand.																							
152'	182'			90%	Gabbro - dk grey - black. coarse grained allotriomorphic granular - minor serp alt along fractures + calcite fracture coatings. Minor chl. alt. along fractures - Rock shows crude mafic rich bands (black) - overall avg. mafics ~60% feldspar ~40% - core is blocky + in places rubbly. - near bottom gabbro becoming highly fractured + dev. of chl. 2nd bio more Ab. - grad to altered gabbro	bottom grad.	W/fs			W-M/fs			W/fr.E.			W/fs.		Massive		smooth	8/ft	35°	-		-	2%		Mag. dis throughout

Hole No. 75-7 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~ sau	epi.	chl.	k fel	kaolin	~~laum.~~ 2nd bio	sil.	oxid.	serp	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
182.0'	288.4			90%	6b Altered & sheared gabbro.	Top grad	W-M frs.			M-S repl		W-M repl	M-S repl			W/frs.		Massive		rough	5/ft	60°	—		Tr	1%	Tr.	Tr. dis py+cp 275'-281'
					- greenish/brown colour															rough.		0°						
					- texture similar																							
					to gabbro, but more																							
					inhomogeneous with cse gr. clots.																							
					- mafics altered																							
					to brown 2nd bio.,																							
					chl & possibly																							
					green amphibole																							
					feldspars are																							
					mashed by clay																							
					alt. Seip + calcite along																							
					frs.																							
					In places there																							
					are small v. cse																							
					gr. clots of 2nd																							
					bio. and/or chl.																							
					- core is broken up																							
					+ in places rubbly.																							
					- mod. mag.																							
		185.0	186.0	100%	11a basalt(?)	Top irregular + fractured												Massive								2%		
					- fn. gr., equigranular																							
					massive, highly	bottom sharp @ 36°																						
					magnetic -																							
					black colour.																							
					fresh - possibly dike.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ cog	~~2nd qtz.~~ sauss	epi.	chl.	k fel	kaolin	~~lawn.~~ 2nd qtz	sil.	oxid.	serp	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
		195.0	197.4	50%	shear zone - core broken up & rubbly. -sections of clay, chl + calcite gouge	grad.	M-S			M-S		M-S																
		197.4	200.8	90%	(?) lt. green colour and felsic rock. Med gr. equigranular Feldspars ~ 70-80% [illegible] colored mafics are greenish + appear to be partly chl. -calcite ms -contains some clots of cpx + gr. chl + 2ndy bio.	grad.	w/m.			w/repl																		
288.4	303.1			95%	lb green altered diorite. -colour - dk green med grained equigranular - Ab. epi. alteration and saus. along fracture envelopes. -green colour due to green hornblende, chl. + epi.	sharp but irregular		M/repl Fr. E.	M/repl	M/repl			W/repl.					Massive -small shear at 20° to core axis -green zone.							Tr		Tr.	Tr. dis py + cp + on frs.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO_2 ~~stain~~	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	serp	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					- some small qtz veins barren (1/8" at 30°)																							
					- some small shears with green filling at 20°																							
					- non-magnetic																							
		289.3	290.2	100%	v. coe gr. dot of feldspar and laths of brown hornblende + contacts irregular	Top + bottom irregular												Massive							-	-	-	
303.1	305.0			100%	6b altered gabbro - brownish/green coegrained altotriomorphic granular. - chl, 2ndy bio., hornblende - mod mag.	Top broken up but sharp. bottom sharp.				M			M					Massive										
305.0	325.0	end of hole		100%	1b Altered diorite - same as above with epi + some alt + some chl. - some irregular coegr. patches with fresh feldspar.	Top broken up		M/repl Fr.F.	M/repl	W								Massive							Tr	-	Tr	Tr dis + frs cp + py py >> cp.

DD-35

KL-75-8

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 1

09112

PROPERTY KING LAKE LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 15/75 COMPLETED Sept 19/75 LOGGED BY A. Beaven.

SECTION _____ NORTHING 42+12S EASTING 14+00E ELEVATION (collar) _____ ELEVATION (ground) _____ BEARING 134°

DEPTH 130' DIP (collar) -45° DIP SURVEYS _____ PURPOSE check IP + mag anomaly.

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd.qtz.	epi.	chl.	k fel	kaolin	kaum.	sil.	oxid.	FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo:bn:cp:mt:py	Occurrence
0	130'			5%	OB - glacial till pebbles, cobbles + boulders in sand. - could not penetrate rock to bedrock. Closed hole down.																		

Hole No. 75-8 Page 1

KL-75-9A

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 1

09112

PROPERTY King-Lake LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 18/75 COMPLETED Sept 19/75 LOGGED BY A. Beavan

SECTION _____ NORTHING 36+17S EASTING 4+00W ELEVATION (collar) _____ ELEVATION (ground) 3712 BEARING 314°

DEPTH 65' DIP (collar) -60° DIP SURVEYS — PURPOSE To check IP + mag anomally

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd.qtz.	epi.	chl.	k fel	kaolin	kaum.	sil.	oxid.	FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo: bn: cp: mt: py	Occurrence
0	65'			0%	OB -																		
					hole lost in OB																		
					- core barrel broke																		
					off at 65' could																		
					not be retrieved																		
					due to casing.																		
					- hole 9B started																		
					at -65° from same																		
					location.																		

Hole No. 75-9A Page 1

KL-75-9b

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. Beaven

SECTION _____ NORTHING 36+17S EASTING 4+00W ELEVATION (collar) _____ ELEVATION (ground) 3712 BEARING 314°

DEPTH 461 DIP (collar) -65° DIP SURVEYS 65° @ 461' PURPOSE To check TP + mag anomally

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	sem.	sil.	oxid.	serp.	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
0	50.8			5%	OB - pebbles + sand													Massive					-		-		-	
50.8	66.0			90%	1b alt diorite				s/fn w/M repl	s/repl										epi coated	9/ft	70°						
					- core grained																							
					hypidiomorphic																							
					granular																							
					- mafics completely																							
					→ chl + epi.																							
					~35-40%																							
					feld from fresh ~60%																							
					Ab. epi vn up to 1/4" thick																							
66.0	69.0			75%	6b altered gabbro.	Top sharp - broken up				s/repl						s/repl.		Massive								1%	-	
					core gr. allotriomorphic																							
					granular																							
					- serp. chl complete																							
					repl. of mafics																							
					- feld. marked by																							
					clays.																							
					wk. mag.																							
					- core highly broken up.																							
69.0	82.0			85%	1b alt + sheared diorite	Top sharp but broken up		w/repl	w/repl.	u/repl frs.						w/vn.		wk. fol. @ 35°						-	-	-	
					- chl + epi repl. of mafics																							

Hole No. 75-9b Page 11

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ CO2	2nd qtz.	epi.	chl.	k fel	kaolin	~~leum.~~ Sulphides	sil.	oxid.	serp	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					+ feldspars marked by																				-	-	-	
					sans.																							
					- wk. foliation @ 35°																							
					- no epi vn as above																							
					+ rock appears finer																							
					grained.																							
					- some serp vn.																							
82.0					mud + sand at contact of alt. diorite & gabbro																							
2.0	116.0			50%	6a gabbro.	mud + sand at top contact	w/vn								1m-w frs	w/vn w/repl										10%		Tr. asbestos in fractures - < 1/16"
					- black, crse gr.																							
					- core strongly broken																							
					up into pea size pebbles.																							
					- strong mag.																							
					- weak repl. of mafics																							
					by serp.																							
					- rebbly nature of																							
					core prob. due to weath.																							
					- Some serp. fractures																							
					have asbestos cross																							
					fibres < 1/16" long.																							
116.0	272.0			75%	6a gabbro - same as above		w/vn			w/repl.			w/repl.			w/-M frs + repl	minor shear zones @ 40°											
					but core more solid -																							
					still broken up but																							
					not in pea size frags.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	2nd qtz.	epi.	chl.	k fel	kaolin	~~laum.~~ 2nd qtz	sil.	oxid.	serp	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
		158.4	158.7	100%	Breccia zone	Top + bottom												breccia zone							-		-	
					- small (½") sub-	sharp at 40°			-									@ 40°										
					rounded felsic frags																							
					in a chl + serp matrix																							
					- shearing at 40°																							
		165.9	169.6	100%	felsic zone	Top + bottom	M/fs.			M/mafl																		
					- lt. green colour.	sharp.																						
					- fn - med grained.	but core																						
					- some shearing @ 40°	broken up.																						
					- Ab. cal. blebs.																							
					- colour prob. due to																							
					chl. alt.																							
22.					sand - at contact.																							
22.0	276.0			100	4a greywacke	Top sand.	M/vn.											Massive									Tr	Tr. py in cal. vn.
					- greenish grey colour.																							
					- med. - crse grained.																							
					- mafic frags + lithic																							
					frags angular ~ 1mm																							
					(one frag 10mm)																							
					lithic ~ 30%																							
					qtz ~ 20%																							
					feld ~ 50%																							
					qtz + feld rounded.																							
					Ab. cal. vn.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	~~laum.~~	sil.	oxid.	serp	STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
276.0	277.0			100	11a basalt. dk	Top sharp												Massive								-	-	
					- porph with small	bottom												dk at 40°										
					mafic phenos	sharp @ 40°																						
					- colon green/black																							
					- groundmass aphanitic																							
					wk. mag.																							
277.0	282.0			100	4a Greywacke													Mass									-	
					same as above																							
282.0	283.7			100	11a basalt dk same	sharp but												Mass									-	
					as above	broken up.																						
283.7	293.0			95	6a gabbro - mod alt.					W/repl						M/repl vn.											-	
					but still black																							
					colon.																							
293.0	351.0			95	6b alt + sheared gabbro.	Top	W/frs.			M/repl						M/repl vn.		slightly fol.							Tr		Tr	Tr py + cp on serp frs.
					- colon dk med green has	sharp @ 45°												at 60-70°										313-322 Tr dis
					mottled appearance.																							py + cp.
					- Ab serp on frs.																							
					- more felsic gabbro																							
					- med grained.																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 5

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ cos	~~2nd qtz.~~ saw	epi.	chl.	k fel	kaolin	~~laum.~~ 2nd qtz.	sil.	oxid.	serp	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
351.0	390.0			100	6a Gabbro - wk-mod altered (bottom 2' mod altered	Top grad over 2'-3'				W-M repl.			Wk FE.			W-M repl vn.											–	
390.0	392.0				Aa Greywacke - grey colour - med-crse grain - crse lithic frags (angular) + crse rounded feld. gr. in fn. argillaceous grey matrix ~10-15% lithic ~40% feld ~50% matrix In places lithic frags up to 1" some granitic (rare) frags.	sharp but core broken up	W/-M vn.																				–	
		373.9	374.6		11a dike rock. of amydaloidal basalt - black with qtz filled amydules	Top sharp 40° bottom sharp 40°																						
392.0	394.0				6b altered gabbro db(?) - same crse gr texture + mineralogy	Top sharp @20° bottom sharp core broken				M/repl.						M/repl vn.											–	

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 6 STRUCTURE

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

KL-75-10

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 3

081129

PROPERTY KING LAKE LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 19/75 COMPLETED Sept 21/75 LOGGED BY A. Beaver

SECTION _____ NORTHING 25+90 S EASTING 10+10 W ELEVATION (collar) _____ ELEVATION (ground) 3505 BEARING 134°

DEPTH 482' DIP (collar) -60° DIP SURVEYS 65° @ 482' PURPOSE To check IP + MAG anomaly and surface mineralization

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stain	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	serp	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
0	11			0	OB - pebbles																							
11	21.0			80	6b altered gabbro - coarse gr. allot granular.					M/repl			W/repl			M/repl W/vn		Massive					-	-	-	1%	-	
21.0	436.5			90%	1b altered diorite dk green colour - med. gr. alt. minerals chl, epi, saus repl. vn cal, fel common. + vn of epi. - wk. mag. - fractures with chl, epi + Fr. E. of fel most common. - somewhat porph texture with anhedral phenos (1-2 mm) - phenos repl. by chl. - a few small m of serp. - in a few places there.		N/vn	M/repl Fr.E	W-M/repl W-M/vn	M/repl M/frs.	W/vn					unweathered W serp vn.		Massive		chl fel rough	2/ft	10°	Tr		Tr.	Tr.	Tr	57' - py, lm, mal in fracture @ 15° 59' - Tr. dis gr. cp 182' - Tr. dis py + cp with Ab epi repl. py >> cp 216 - Tr. dis cp. 230.5 - clot of mag. 238.8 - 240 - mo, cp in fracture with chl, epi + fel @ 10° + Tr. dis cp. 293' - mo cp in small qtz vn 1/16" thick @ 10° 313' - Tr. dis py + cp.

Hole No. 75-10 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ CO3	~~2nd qtz.~~ sarc	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.		FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					are small sections 1/4" to 3" which are dikes(?) of alt. gabbro. contacts are not sharp though, but look grad over ~1/8"																							
										M/repl			W/repl					Massive.							Tr.			Tr. cp along Co/p contact
		235.2	236.0	100	10a Dike of qtz monz. - coarse gr. - mafics → chl feld partly → ser.	Top + bott sharp but broken by fracture																						
		237.8			10a Small dike 1/2" Thick of qtz monz. - contact @ 35°																							
		287.0			10a Small dike ~1/4" Thick of qtz monz. - contacts @ 40°																							
21.0 cont	436.5																											341.5-343, Cp, Mag along chl fract @ 10° 430.5-432' cp in fracture at 0° + @ 90°

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3

STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ CO2	~~2nd qtz.~~ sand	epi.	chl.	k fel	kaolin	~~laum.~~ 2nd pin	sil.	oxid.	serp	~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
		402.5	404.0	80	fault gouge zone. Rock is crumbly - small qtz vn ½" thick @ 10° - gouge is light green rock flour																							
436.5	443.6			95	6b alt. gabbro case gr. serp, chl + 2nd bio alt. - at contact top is a case grained chl + feld zone ~ ¼"	Top sharp @ 40° Bottom sharp but core broken				M/nepl		W/nepl.	M/nepl			M/nepl											Tr	442.5 - Tr. py cubes.
443.6	455.5			95	1b alt. diorite (same as before)			W-M/nepl	W-M/nepl	M/nepl	W/Fr.E ⅛"					W/vn												
455.5	473.0			90	6b alt. gabbro - same as above	grad core broken up.				M/nepl		W/nepl.	M/nepl			M/nepl frs vn							Tr		Tr		Tr	462-464 - mo + cp on frs - core broken up.
473.0	482.0 end of hole			100	Gabbro - 6a minor serp + chl alt along fracture					W/frs						W-M frs vn nepl											Tr	Tr. py on fractures with serp.

DD-35

KL-M5-11

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 6

09129

PROPERTY King Lake LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 21/75 COMPLETED Sept 24/75 LOGGED BY A. Beaton

SECTION ____ NORTHING 18+00S EASTING 12+00W ELEVATION (collar) ____ ELEVATION (ground) ~~3595~~ 3403 BEARING 134°

DEPTH 450' DIP (collar) -60°SE DIP SURVEYS Could not get tube down - water @ 280' PURPOSE To check IP anomaly + geology in area of surface structure

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO2 stain	2nd qtz.	epi.	chl.	k fel	kaolin	~~dolom.~~ Sil	sil.	oxid.	weath	FOLIATION: graphic	degree	angle	FRACTURES: graphic	density	angle	MINERALIZATION: mo:bn:cp:mt:py	Occurrence
0	25.0			10%	OB - gravel + sand.																			
25.0	178.8			05%	10a Qtz. Monzonite - leucocratic greyish/green colour - med-crse gr. - hypidio equigranular - mafics pleckty biotite ~20% feldspar ~60% qtz ~20% mafics mostly alt. to chl + epi. - little or no pink feldspar			W/Kfpl W/fx	M/Kfpl. M/+M fms.	W/Fr. F	W/Fr. F	W/Fr. F	W/Fr. F	Rare qtz vn <1" thick	Fresh		Massive		~~Sharp~~ Planar	1/ft	30°		Tr	Tr	Tr-disp along fx's. Tr. grains mgr. dis. 148.5 - Tr. mal in fms.
																				Rough		0°		
																				Rough - Irr	3/ft	20°		
		56.4'			Qtz vn ~1" thick with tgc well formed chlorite - dis py. on both sides of vn over ~1" in M-S chl + M. ser. alt				M-S Kfpl			M/Kfpl				Qtz vn at 55°						.1%	py dis on both sides of qtz vn.

Hole No. 75-11 | Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: CO3 stain	2nd qtz.	epi.	chl.	k fel	kaolin	sec. lum.	sil.	oxid.		~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
		64.8'			Qtz vn ~ 1/2" thick - same as 56.4' - chl + ser alteration + dis py. - py partly altered to lm.					M-S / repl			M / repl				qtz vn @ 55°										.1%	py dis on both sides of qtz vn.
		72.3	74.4	90%	10b altered siliceous zone - rock is brown/green colour. - no mafics visible & rock appears to be made up of altered feldspars + qtz.	Top + bottom grad over 2"							M-S / repl	M / enrich				Massive					-		-	-	-	
		74.4	80.2	95%	10b altered sheared zone? - Rock dark green colour - has mottled appearance - Ab. chl alt in Fr. E. - relatively fresh qtz monzonite between frs.	bottom grad over 4-5"	W / vn		W / repl	M-S / repl Fr. E			W / repl		hem / frs			Massive									Tr.	Tr. py assoc. cal. vn.
178.8	182.6			100%	Brecciated shear zone - angular - sub angular.	Top sharp 45° bottom grad.		serpentine matrix									shearing @ 45°						-		-	-	-	

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ CO_3	~~2nd qtz.~~ sens	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.		STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					fragments of qtz monzonite in a serpentine matrix. Fragments generally elongated @ 45°																							
182.6	186.5			90%	Alt. 10b + weakly sheared qtz monzonite. - chl. + epi alt of mafic and mod chl along fractures - w-mod. ser-alt usually in Fr. E. - chloritic alt along fractures gives rock breccia look in places.	bottom sharp, @ 55°			W-M repl	M/repl M-S fs.			M/Fr. E															
186.5	319.0			95%	10a qtz. monzonite - same as above - relatively fresh except along fractures				W/repl W/fs	W-M fs W/repl.	W/Fr. E		W/Fr. E					Massive.		py, mo, cp 244.5-249.3.		10°	Tr		Tr		Tr	196' - gr. of mo in small fel vn (1/8") 244.5 - 249.3 py, mo, cp along fracture fracture at 10° 250' - cp + mo on fr at 0° to core axis 260' - Tr. B. mo. 263.5 - Tr. mo. on fr. @ 10°
		187.8			zenolith - small angular zeno. ~ 1/2" - fine gr. aphanitic rock. sharp outline																							

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ (CO3)	~~2nd qtz.~~ (sericite)	epi.	chl.	k fel	kaolin	~~laum.~~ (ser)	sil.	oxid.		~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
		196.5			small qtz vn ~ 1/4" with chl. - .1% py. cubes.																						.1%	py in large cubes.
		206.0	213.1	95%	10b Siliceous altered zone - colour in light to med greenish. - mafics seem less abundant & completely chl. - some ser near fractures	Tr/p + pottery grad.	W/vn			M/repl			M/Fr.E	M/p				Massive									Tr	Tr py in cal. vn 2 OB - graphite smears on fractures.
		213.1	214.5	100%	breccia altered zone - elongated sub-rounded frags of qtz. monzonite in chl. matrix - probably chl. shears on fractures.	grad.				S							minor shearing @ 30°										-	
		235.0	241.2	100%	10b altered zone - med-dk green colour. mafics repl. by chl - Ab cal vn.		W/vn			S			W-M repl				minor shearing @ 40°								-	-	Tr	Tr. py. with cal vn graphite on some shears.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 5

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stem~~ CO2	~~2nd qtz.~~ sericite	epi.	chl.	k fel	kaolin	~~laum.~~ sec	sil.	oxid.		~~FOLIATION~~ STRUCTURE graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
cont. 186.5	319.0																						.2%					Tr. B. mo on fel fracture @ 0° 292-294
319.0	450.0 end of hole			100	10a Qtz monzonite - rock becomes coarser grained (same texture hypid granular) and pink feldspars are prevalent, giving rock a pink/green colour. In preceeding qtz monzonite pink feldspars only occured in fel enriched fractures over ~1/4". - Alteration is similar mafic partly replaced by chl & epi - epidote vn more abundant - minor kaolinization of grey feld. in small patches				w/repl M/vn	w/repl W/frs.	w/Fr.E	w/repl			w/hem/frs			Massive							Tr.			322' Tr. cp ~ fr. @ 10°
		349.7	351.7	90%	fracture, breccia zone fragments of qtz monz (rel. fresh) are rounded & vary from 1/16" to 1/2" dia in a matrix				M/frs	M/frs					w-h			Massive					-		-		-	

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 6

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: stem	2nd qtz.	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.		FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
					of chl + epidote																			
					- look like mina																			
					greenstone of qtz monz.																			
		382	383.1	100	Breccia zone																			
					same as above.																			
					(rounded frags.)																			
		429.4	433.0	90	aplite dike	Top - grad over 2"			w/vn.	M/m			W-M/fr.		M-hem vn.			Massive					- - - - -	
					- pinkish/green colour																			
					- fine gr. equigran.	bottom grad over 2"																		
					tex.																			
					Ab. chl + hem vn.																			

DD-35

KL-75-12

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 4

091129

PROPERTY: KING LAKE LOCATION: 105-D-14 CORE SIZE: BQ STARTED: Sept 23/75 COMPLETED: Sept 25/75 LOGGED BY: A. Beavan

SECTION: NORTHING: 4+30 N EASTING: 1+10 E ELEVATION (collar): ELEVATION (ground): 3294 BEARING: 235°

DEPTH: 439' DIP (collar): -55 SW DIP SURVEYS: -60° @ 439' PURPOSE: check IP + mag. anomally in swamp.

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: cos stain	2nd qtz.	epi.	chl.	k fel	kaolin	ser laum.	sil.	oxid.	weath	STRUCTURE FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
0	22			5%	OB																							
22	73.0			90%	1a Diorite -		w/frs		w/repl w/vn	w-M repl w-M frs.	w-M frs pink fel. vn	w/repl			1m-w frs.	w-1m frs.		Massive.							Tr		Tr	Tr py + cp @ 33' along frs. 53'-56 Tr py, mal, 1m, ... on frs @ 60'
					coarse grained																							
					allotriomorphic granular.																							
					- mafics are greenish																							
					hornblende partly alt																							
					to chl + epi.																							
					hornblende ~ 35%																							
					chl + epi ~ 5-10%																							
					feld ~ 50-60%																							
					- a few large clots																							
					(5mm) of mafics																							
					- feld predom. fresh.																							
					- no qtz visible.																							
					wk mag.																							
					- wk. epi in 1/16"																							
					- mod fel vn (pink fel)																							
					~1/16-1/4"																							
73.0	84.2			95%	limonitic foliated	Top + bottom	w-M repl vn		N/repl	M/repl		w-M repl.			M-S lm			foliation										
					+ granulated zone	good over 3-4"												@ 45°										
																		mag-st.										

Hole No. 75-12 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2 STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~ CO3	~~2nd qtz~~ sans	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.		~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					- rock is rusty/green colour. - well foliated with mafics alligned in anastomosing fol. - feldspars are med grained and lense shaped almost augens. - Ab. lm stain + minor hem frs																							
84.2	117.8			95	1a diorite - dk green coloured - med-crse grained. hypidiomorphic granular - chl + epi rep of mafics + Ab epi vn. - feld look fresh but in places partly rep by sans. - m places get small grad zones of crse gr. material as in 22-84.2			W/repl	w-M repl vn	M/repl	W/vn.				w-her vn.			Massive					Tr					88.5 - Tr. gr of mo.
117.8	124.0			100	10a Qtz monzonite (dike) - med-crse gr.	TOD sharp @ 45°			S/vn frs.	M/repl W/frs					M-her frs.			Massive									Tr	Tr. mal on fr. Tr py dis

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3

STRUCTURE

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: sericite	2nd qtz.	epi.	chl.	k fel	kaolin	sericite	sil.	oxid.		FOLIATION graphic	FOLIATION degree	FOLIATION angle	FRACTURES graphic	FRACTURES density	FRACTURES angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
					eq. xl. rhomben																			
					- Ab epi alt'n in mafics → chl + epi																			
					- Ab pink fld.																			
					Ab hem. stain on fractures																			
					- Bottom contact grad over 3"																			
124.0	439.2			95	1a diorite		w/m/pl	w-m/pl	m/pl	w/m	w/pl in patches	w/pl in patches	m-s/pl	w-mod frs.	sel/w/pl vn		Massive						Tr	Tr 214' - 1cm B cp in qtz vn ~ 1" + 2nd
					- Same as above dk green color				vn	frs							wk fol. in part by stretching of mafics @ 40°							225 - Tr cp in fol vn with breccia.
					- also small zones of crse gr. diorite as above																			293 - Tr dis cp.
					- Ab vn. qtz + hem.																			298. Tr cp in fract 60°
		200.0	202.0	80%	Alt. zone + granulated zone					m/m			m-s/pl dis.										Tr	.2% Tr py + cp dis.
					- lt. - mid green colors																			2'
					- Ab. chl. frs																			
					- sil. Ab.																			
		261.0	266.5		Brecciation: small (~1/2") rounded fragments of fg. grained green																			

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 4

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~ sec	epi.	chl.	k fel	kaolin	~~laum.~~ sec	sil.	oxid.		~~FOLIATION~~ STRUCTURE graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
					fragments in diorite matrix																							
		266.5	267.3		10a Qtz mong dk. -Ab epi vn. contacts fractured + irregular but sharp.																							
24.0 cont	43.7				- throughout the diorite there are rounded fragm. of (1b) altered diorite in the diorite - probably zenoliths.																				.1%			308'-310 - cp in small frs. " 338' - Tr. cp in fel vn. 420' - Tr. gr. mo in epi vn 432 - Tr. gr. cp.
		336.1	336.7		Pink creep siliceous dk.																		-	-	-	-	-	
		347.3	352.2		10a Qtz mong dk - includes fragments of diorite + alt diorite	Top. sharp @ 70° Bottom sharp @ 70°			M-S epi m.	M/repl																		

KL-75-13

DD-35

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 1 of 3

PROPERTY King Lake LOCATION 105-D-14 CORE SIZE BQ STARTED Sept 24/75 COMPLETED Sept 26/75 LOGGED BY A. Beavan

SECTION NORTHING 11+75 N EASTING 21+00E ELEVATION (collar) ELEVATION (ground) 3203 BEARING

DEPTH 317' DIP (collar) -90° DIP SURVEYS — PURPOSE check IP anomally

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.	vocci.	FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo: bn: cp: mt: py	Occurrence
0	156			5	OB - boulders & pebbles																			
					- one two foot section at																			
					130' of rusty py vol.																			
156	214'			100	3a fine gr. pyritic andesite				W-M / Vn						M-S / lm / frs + p	M-lm / frs		Massive					—	1-5% Py dis, frs vn.
					- greenish/grey + rusty																			
					coloured.																			
					Ab py (1-5%) dis																			
					in frs + vn																			
					- moderately weathered																			
					+ lm stained.																			
					- vol. looks essentially																			
					fresh.																			
					- non-mag.																			
					- epi vs common.																			
					- core highly blocky																			
					+ broken up. &																			
					discoloured by																			
					weathering.																			
					156-214' strong weath.																			
214	225.5			80	3c and. porph.											w		Massive						Tr <1% py
					- subhedral feldspars				W/Vn															

Hole No. 75-13 Page 1

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 2

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	CO_3 ALTERATION: w-weak, m-moderate, s-strong: ~~stain~~	~~2nd qtz.~~ sans	epi.	chl.	k fel	kaolin	~~laum.~~ ser	sil.	oxid.		FOLIATION graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo:	bn:	cp:	mt:	py	Occurrence
					~1-2mm + subhedral (hornblende) mafic phenos (1-2mm) in fn. gr. green/grey groundmass ~30% phenos. - core is oxidized. but sections of weathered blocky material.																							
25.5	240.5			100	1+3a grey/green py. andesite - fine-med gr. siliceous vol. colour looks mottled + patchy	Top sharp @55°			w/ patchy.		w/vn.			w/vn.	1% fr.	w	wk	Massive banding (flow) @ 23° @ 30°									2%	large B. + fr. dis.
240.5	256.5			100	3a green fn. gr. massive andesite	Top sharp but broken up			w/vn. + patchy.		w/vn.							Massive									1-2%	fr. dis
256.5	266.0			100	3a porph. andesite - dark green with subhedral feld + hornblende phenos 1-2mm in fn. gr. groundmass. - some feld. phenos sans.	Top grid over 1"		w/ refl of phenos.										Massive									Tr	Tr large py grains.

UNITED KENO EXPLORATION

Diamond Drill Hole Log Page 3

FOOTAGE From	FOOTAGE To	Minor From	Minor To	Rec.	LITHOLOGY	Graphic Contact	ALTERATION: w-weak, m-moderate, s-strong: LO3 stem	~~2nd qtz.~~ fan	epi.	chl.	k fel	kaolin	laum.	sil.	oxid.		STRUCTURE ~~FOLIATION~~ graphic	degree	angle	FRACTURES graphic	density	angle	MINERALIZATION mo	bn	cp	mt	py	Occurrence
266.0	281.3			100	3a dk green grey fn. gr. massive andesite	Top grad. over 2"			M/dr									Massive									1%	Fn. gr. dis py + some B. + fns.
81.3	297.0			20%	fault gouge - mud & broken up core - very low recovery	Top sharp @ 25° Bottom no core.												Fault					-	-	-	-	-	
297.0	317.0 end of hole			100	3a lt green/grey aphanitic andesite	Top no core.												Massive									.5%	fn. dis py